

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043024\
 Data File : BP020124.D
 Acq On : 30 Apr 2024 18:07
 Operator : MA/JU
 Sample : PB160629BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS629

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 01:04:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 00:58:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	91266	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	386674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	286301	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	659952	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	629405	20.000	ng/u1	-0.01
88) Perylene-d12	25.045	264	580754	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	13176	6.029	ng/uL	0.00
4) Pyridine-d5	3.617	84	204878	31.822	ng/u1	0.00
7) Phenol-d5	6.811	99	275789	35.636	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	180899	36.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	199093	36.641	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	225290	38.237	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	103314	34.793	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	119347	36.216	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	226832	36.576	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	281715	34.833	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	753433	36.845	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	833587	35.766	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	125192	37.664	ng/u1	0.00
60) Fluorene-d10	15.339	176	643847	36.198	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	143856	34.091	ng/u1	-0.01
73) Anthracene-d10	17.263	188	1046055	35.700	ng/u1	0.00
81) Pyrene-d10	19.663	212	1281381	38.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.815	264	1014530	35.803	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	29379	11.959	ng/uL	97
5) Pyridine	3.634	79	207978	31.499	ng/u1	99
6) Benzaldehyde	6.799	77	198819	44.857	ng/u1	99
8) Phenol	6.840	94	285897	35.556	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.075	93	220903	34.842	ng/u1	99
12) 2-Chlorophenol	7.199	128	198308	34.778	ng/u1	99
13) 2-Methylphenol	8.075	108	210894	36.291	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.158	45	307247	35.171	ng/u1	99
16) Acetophenone	8.457	105	362803	37.080	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.440	70	209346	39.097	ng/u1	97
18) 4-Methylphenol	8.405	108	234887	38.187	ng/u1	98
19) Hexachloroethane	8.675	117	90696	32.916	ng/u1	95
22) Nitrobenzene	8.834	77	306112	34.438	ng/u1	99
23) Isophorone	9.357	82	591431	37.385	ng/u1	98
25) 2-Nitrophenol	9.534	139	122404	35.169	ng/u1	99
26) 2,4-Dimethylphenol	9.593	107	275942	37.744	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	322940	35.807	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	221703	36.312	ng/u1	100
30) Naphthalene	10.457	128	675050	33.768	ng/u1	98
32) 4-Chloroaniline	10.587	127	250440	31.314	ng/u1	98
33) Hexachlorobutadiene	10.716	225	164899	32.342	ng/u1	94
34) Caprolactam	11.399	113	84929m	41.274	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	275850	39.023	ng/u1	98
36) 2-Methylnaphthalene	12.081	142	484970	36.226	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043024\
 Data File : BP020124.D
 Acq On : 30 Apr 2024 18:07
 Operator : MA/JU
 Sample : PB160629BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS629

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 01:04:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 00:58:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	494288	36.743	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	315060	32.478	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	146532	28.583	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	206128	35.056	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	223041	35.313	ng/ul	98
43) 1,1'-Biphenyl	13.122	154	681639	33.883	ng/ul	99
44) 2-Chloronaphthalene	13.157	162	537210	32.986	ng/ul	99
45) 2-Nitroaniline	13.398	65	206295	36.269	ng/ul	98
47) Dimethylphthalate	13.775	163	732836	35.114	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	150905	35.558	ng/ul	98
50) Acenaphthylene	14.028	152	874383	33.554	ng/ul	99
51) 3-Nitroaniline	14.245	138	139354	35.017	ng/ul	90
52) Acenaphthene	14.381	153	577058	33.784	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	98323	36.496	ng/ul	96
55) 4-Nitrophenol	14.575	109	128840	36.637	ng/ul	99
56) Dibenzofuran	14.728	168	828115	34.237	ng/ul	99
57) 2,4-Dinitrotoluene	14.722	165	229777	36.949	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.963	232	209967	36.110	ng/ul#	97
59) Diethylphthalate	15.181	149	755707	35.909	ng/ul	98
61) Fluorene	15.398	166	689343	34.321	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	375085	34.178	ng/ul	99
63) 4-Nitroaniline	15.445	138	147771	41.489	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.510	198	149204	33.447	ng/ul#	99
67) N-Nitrosodiphenylamine	15.628	169	607121	35.372	ng/ul	99
68) 4-Bromophenyl-phenylether	16.322	248	242212	34.034	ng/ul	96
69) Hexachlorobenzene	16.428	284	276231	38.333	ng/ul	99
70) Atrazine	16.634	200	261546	37.733	ng/ul	100
71) Pentachlorophenol	16.792	266	179612	34.902	ng/ul	99
72) Phenanthrene	17.204	178	1145932	33.959	ng/ul	99
74) Anthracene	17.304	178	1152459	33.105	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	314335	32.412	ng/uL	98
76) Pentachlorobenzene	14.634	250	319017	33.662	ng/uL	99
77) Carbazole	17.598	167	1051872	34.052	ng/ul	100
78) Di-n-butylphthalate	18.192	149	1315608	34.769	ng/ul	99
80) Fluoranthene	19.316	202	1454666	37.489	ng/ul	99
82) Pyrene	19.698	202	1525193	37.455	ng/ul	99
83) Butylbenzylphthalate	20.669	149	583221	35.505	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.580	252	441600	29.997	ng/ul	99
85) Benzo(a)anthracene	21.639	228	1504171	34.428	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	827371	34.433	ng/ul	99
87) Chrysene	21.710	228	1393095	34.357	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	1357008	39.075	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	1283179	37.278	ng/ul	99
91) Benzo(k)fluoranthene	24.051	252	1291687	37.107	ng/ul	99
93) Benzo(a)pyrene	24.892	252	1026894	31.106	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.880	276	1181233m	29.680	ng/ul	
95) Dibenzo(a,h)anthracene	28.968	278	939601	28.601	ng/ul	99
96) Benzo(g,h,i)perylene	30.074	276	884343m	27.634	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

