

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
 Data File : BP020890.D
 Acq On : 10 Jul 2024 21:47
 Operator : MA/JU
 Sample : PB161754BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS754

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 11 00:24:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	204506	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	867000	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	568473	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1208322	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1053033	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1255208	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	33108	7.367	ng/uL	0.00
4) Pyridine-d5	3.669	84	457435	35.159	ng/u1	0.00
7) Phenol-d5	6.916	99	633665	38.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	379685	37.577	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	520632	37.900	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	512971	37.044	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	259407	38.521	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	299318	38.834	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	541737	38.870	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	653728	35.407	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1638318	39.645	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1785317	38.475	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	266525	45.330	ng/u1	0.00
60) Fluorene-d10	15.369	176	1320174	38.940	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	292665	40.031	ng/u1	0.00
73) Anthracene-d10	17.269	188	1975603	36.812	ng/u1	0.00
81) Pyrene-d10	19.657	212	2328711	35.770	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	2487201	40.177	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	68218	13.802	ng/uL	97
5) Pyridine	3.687	79	446994	33.309	ng/u1	97
6) Benzaldehyde	6.881	77	347025	41.285	ng/u1	98
8) Phenol	6.940	94	629298	37.300	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.157	93	504725	36.214	ng/u1	99
12) 2-Chlorophenol	7.299	128	509040	36.973	ng/u1	99
13) 2-Methylphenol	8.169	108	468342	35.894	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	726855	36.098	ng/u1	99
16) Acetophenone	8.540	105	779214	36.459	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.522	70	398628	35.597	ng/u1	99
18) 4-Methylphenol	8.499	108	519854	37.190	ng/u1	98
19) Hexachloroethane	8.781	117	222434	35.952	ng/u1	98
22) Nitrobenzene	8.916	77	590146	36.584	ng/u1	98
23) Isophorone	9.440	82	1149495	35.844	ng/u1	100
25) 2-Nitrophenol	9.616	139	308027	38.319	ng/u1	96
26) 2,4-Dimethylphenol	9.681	107	395970	24.980	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.910	93	693202	35.561	ng/u1	99
29) 2,4-Dichlorophenol	10.151	162	513132	37.358	ng/u1	99
30) Naphthalene	10.545	128	1627939	35.697	ng/u1	100
32) 4-Chloroaniline	10.657	127	569581	32.306	ng/u1	98
33) Hexachlorobutadiene	10.810	225	363946	35.338	ng/u1	99
34) Caprolactam	11.469	113	173329m	40.964	ng/u1	
35) 4-Chloro-3-methylphenol	11.792	107	578067	38.718	ng/u1	100
36) 2-Methylnaphthalene	12.145	142	1125563	35.955	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	1143093	35.504	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	672148	36.408	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	247254	25.602	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	412489	35.360	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	459789	37.252	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	1507495	36.286	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1196066	36.063	ng/ul	99
45) 2-Nitroaniline	13.439	65	375220	40.910	ng/ul	98
47) Dimethylphthalate	13.816	163	1555420	37.095	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	332014	39.605	ng/ul	98
50) Acenaphthylene	14.081	152	1905182	36.263	ng/ul	99
51) 3-Nitroaniline	14.281	138	317299	43.495	ng/ul	94
52) Acenaphthene	14.416	153	1254341	35.971	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	192185	43.654	ng/ul	99
55) 4-Nitrophenol	14.622	109	211812	44.286	ng/ul	95
56) Dibenzofuran	14.763	168	1775805	37.188	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	480068	41.716	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	373713	35.359	ng/ul	99
59) Diethylphthalate	15.204	149	1598077	38.136	ng/ul	99
61) Fluorene	15.422	166	1439650	36.946	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	768550	36.348	ng/ul	97
63) 4-Nitroaniline	15.469	138	305254	50.528	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.522	198	302941	39.074	ng/ul	99
67) N-Nitrosodiphenylamine	15.651	169	1259786	35.803	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	505770	35.711	ng/ul	97
69) Hexachlorobenzene	16.451	284	577610	35.569	ng/ul	98
70) Atrazine	16.622	200	224708	17.523	ng/ul	99
71) Pentachlorophenol	16.816	266	298225	33.813	ng/ul	95
72) Phenanthrene	17.216	178	2307964	36.820	ng/ul	99
74) Anthracene	17.304	178	2204329	34.495	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.139	216	669037	34.594	ng/ul	98
76) Pentachlorobenzene	14.681	250	662726	34.486	ng/ul	100
77) Carbazole	17.598	167	2047149	39.188	ng/ul	100
78) Di-n-butylphthalate	18.180	149	2704648	37.527	ng/ul	100
80) Fluoranthene	19.310	202	2667515	33.929	ng/ul	100
82) Pyrene	19.686	202	2753280	34.414	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1159700	34.791	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	844296	35.088	ng/ul	99
85) Benzo(a)anthracene	21.604	228	2657321	36.024	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1632747	34.037	ng/ul	99
87) Chrysene	21.674	228	2526919	36.866	ng/ul	100
89) Di-n-octyl phthalate	22.810	149	2937703	35.428	ng/ul	100
90) Benzo(b)fluoranthene	23.915	252	2848242	37.392	ng/ul	98
91) Benzo(k)fluoranthene	23.986	252	2905090	38.216	ng/ul	99
93) Benzo(a)pyrene	24.815	252	2542435	35.321	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	3675609m	39.627	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	3012478	39.220	ng/ul	99
96) Benzo(g,h,i)perylene	29.968	276	2909091m	38.510	ng/ul	

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

