

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022870.D
 Acq On : 05 Nov 2024 21:35
 Operator : RC/JU
 Sample : PB164674BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS674

Quant Time: Nov 06 00:29:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	94758	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.375	136	360030	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.251	164	299718	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.057	188	738348	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	757730	20.000	ng/u1	-0.01
88) Perylene-d12	24.745	264	854936	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	10275	4.214	ng/uL	0.00
4) Pyridine-d5	3.587	84	156725	23.412	ng/u1	0.00
7) Phenol-d5	6.822	99	210507	26.391	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	110274	23.522	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	160007	28.271	ng/u1	-0.01
15) 4-Methylphenol-d8	8.334	113	170416	26.771	ng/u1	-0.01
21) Nitrobenzene-d5	8.769	128	74609	26.951	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.481	143	93543	29.187	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.016	165	203924	29.937	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.522	131	194513	24.166	ng/u1	-0.02
46) Dimethylphthalate-d6	13.640	166	616632	25.894	ng/u1	-0.02
49) Acenaphthylene-d8	13.934	160	679103	26.850	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.498	143	93974	23.523	ng/u1	-0.01
60) Fluorene-d10	15.263	176	557437	26.988	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.393	200	113190	23.309	ng/u1	-0.01
73) Anthracene-d10	17.157	188	955107	27.498	ng/u1	-0.01
81) Pyrene-d10	19.539	212	1156128	28.853	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.521	264	1261995	27.640	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	21712	8.281	ng/uL	97
5) Pyridine	3.605	79	156386	22.784	ng/u1	97
6) Benzaldehyde	6.793	77	16176	3.753	ng/u1	93
8) Phenol	6.852	94	212887	25.653	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.064	93	148706	23.943	ng/u1	99
12) 2-Chlorophenol	7.205	128	159608	27.271	ng/u1	96
13) 2-Methylphenol	8.069	108	157950	26.226	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.134	45	168363	23.325	ng/u1	97
16) Acetophenone	8.440	105	261097	24.845	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.416	70	132717	24.926	ng/u1	98
18) 4-Methylphenol	8.393	108	174743	26.154	ng/u1	98
19) Hexachloroethane	8.681	117	67066	24.605	ng/u1	97
22) Nitrobenzene	8.810	77	210679	25.496	ng/u1	99
23) Isophorone	9.328	82	369630	24.949	ng/u1	98
25) 2-Nitrophenol	9.510	139	96429	27.918	ng/u1	97
26) 2,4-Dimethylphenol	9.575	107	204976	27.303	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.799	93	206599	24.559	ng/u1	100
29) 2,4-Dichlorophenol	10.046	162	194343	28.972	ng/u1	98
30) Naphthalene	10.428	128	501646	26.160	ng/u1	99
32) 4-Chloroaniline	10.546	127	125139	15.750	ng/u1	94
33) Hexachlorobutadiene	10.705	225	153694	27.185	ng/u1	100
34) Caprolactam	11.334	113	53262m	24.629	ng/u1	
35) 4-Chloro-3-methylphenol	11.681	107	205100	28.024	ng/u1	97
36) 2-Methylnaphthalene	12.040	142	384546	27.319	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	378833	26.368	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	293715	26.503	ng/ul	96
40) Hexachlorocyclopentadiene	12.387	237	91027	13.481	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	190803	27.371	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	206128	27.770	ng/ul	97
43) 1,1'-Biphenyl	13.069	154	556182	25.745	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	461118	26.074	ng/ul	98
45) 2-Nitroaniline	13.322	65	135085	25.581	ng/ul	95
47) Dimethylphthalate	13.693	163	600457	25.305	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	122841	27.370	ng/ul	99
50) Acenaphthylene	13.963	152	667365	25.424	ng/ul	100
51) 3-Nitroaniline	14.175	138	107330	25.461	ng/ul	98
52) Acenaphthene	14.310	153	482221	25.979	ng/ul	100
53) 2,4-Dinitrophenol	14.387	184	62188	18.832	ng/ul	92
55) 4-Nitrophenol	14.510	109	110458	24.912	ng/ul	90
56) Dibenzofuran	14.651	168	740722	26.566	ng/ul	100
57) 2,4-Dinitrotoluene	14.634	165	191776	27.497	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.898	232	199334	28.771	ng/ul	97
59) Diethylphthalate	15.087	149	589235	25.883	ng/ul	100
61) Fluorene	15.322	166	604986	26.630	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	348671	26.838	ng/ul	98
63) 4-Nitroaniline	15.351	138	120893m	28.500	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	118934	22.738	ng/ul	93
67) N-Nitrosodiphenylamine	15.534	169	512413	25.916	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	247782	27.828	ng/ul	95
69) Hexachlorobenzene	16.351	284	306487	27.965	ng/ul	96
70) Atrazine	16.510	200	225452	27.431	ng/ul	98
71) Pentachlorophenol	16.716	266	193097	27.401	ng/ul	97
72) Phenanthrene	17.098	178	1028806	26.044	ng/ul	99
74) Anthracene	17.187	178	1019209	25.854	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	291016	25.886	ng/uL	97
76) Pentachlorobenzene	14.581	250	327280	26.334	ng/uL	98
77) Carbazole	17.475	167	870542	24.957	ng/ul	100
78) Di-n-butylphthalate	18.069	149	1010521	26.182	ng/ul	99
80) Fluoranthene	19.192	202	1309458	28.426	ng/ul	99
82) Pyrene	19.575	202	1369754	27.743	ng/ul	97
83) Butylbenzylphthalate	20.516	149	459995	26.760	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	482790	26.729	ng/ul	99
85) Benzo(a)anthracene	21.469	228	1386149	26.095	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	646631	26.207	ng/ul	97
87) Chrysene	21.533	228	1296711	26.327	ng/ul	99
89) Di-n-octyl phthalate	22.633	149	1077644	26.500	ng/ul	100
90) Benzo(b)fluoranthene	23.716	252	1481342	27.527	ng/ul#	98
91) Benzo(k)fluoranthene	23.780	252	1424397	27.034	ng/ul	99
93) Benzo(a)pyrene	24.592	252	1293962	26.125	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.433	276	1714093	25.934	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.486	278	1368552	25.570	ng/ul#	97
96) Benzo(g,h,i)perylene	29.598	276	1307995m	25.443	ng/ul	

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

