

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020052.D
 Acq On : 20 Apr 2024 20:58
 Operator : MA/JU
 Sample : PB160384BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS384

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 22 00:22:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	83575	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	341965	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	226825	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	489834	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	486143	20.000	ng/u1	0.00
88) Perylene-d12	25.045	264	531571	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	18245	8.945	ng/uL	0.00
4) Pyridine-d5	3.628	84	176115	29.334	ng/u1	0.00
7) Phenol-d5	6.822	99	267166	36.679	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	180842	35.520	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	188753	37.953	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	205872	36.183	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	95263	38.727	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	106789	40.163	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	200624	38.034	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	205314	29.157	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	603331	38.920	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	677301	36.658	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	101079	42.834	ng/u1	0.00
60) Fluorene-d10	15.339	176	513016	37.178	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	109017	38.096	ng/u1	0.00
73) Anthracene-d10	17.263	188	810849	36.949	ng/u1	0.00
81) Pyrene-d10	19.669	212	1000127	38.281	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.815	264	1003403	38.641	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	28099	12.255	ng/uL	94
5) Pyridine	3.646	79	209684	33.732	ng/u1	99
6) Benzaldehyde	6.810	77	164437	37.764	ng/u1	100
8) Phenol	6.846	94	277959	36.213	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	212631	33.926	ng/u1	100
12) 2-Chlorophenol	7.205	128	195924	37.387	ng/u1	96
13) 2-Methylphenol	8.081	108	196519	34.936	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.163	45	309782	33.817	ng/u1	98
16) Acetophenone	8.463	105	337649	34.643	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.446	70	194460	34.155	ng/u1	98
18) 4-Methylphenol	8.410	108	216959	36.246	ng/u1	100
19) Hexachloroethane	8.687	117	92759	35.962	ng/u1	93
22) Nitrobenzene	8.840	77	290671	36.260	ng/u1	99
23) Isophorone	9.363	82	520497	34.983	ng/u1	99
25) 2-Nitrophenol	9.540	139	111837	39.488	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	223354	32.967	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.846	93	286885	34.388	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	195322	38.028	ng/u1	99
30) Naphthalene	10.463	128	625012	35.245	ng/u1	99
32) 4-Chloroaniline	10.593	127	223516	31.994	ng/u1	99
33) Hexachlorobutadiene	10.728	225	146437	34.672	ng/u1	98
34) Caprolactam	11.404	113	64871m	40.299	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	232636	37.779	ng/u1	99
36) 2-Methylnaphthalene	12.092	142	434478	35.489	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	432500	35.574	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	261275	35.345	ng/ul	96
40) Hexachlorocyclopentadiene	12.428	237	118819	27.901	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	164600	37.162	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	177862	38.631	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	579779	35.653	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	460985	35.485	ng/ul	97
45) 2-Nitroaniline	13.398	65	174987	41.460	ng/ul	99
47) Dimethylphthalate	13.781	163	581816	36.551	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	117728	39.194	ng/ul	98
50) Acenaphthylene	14.034	152	722013	34.667	ng/ul	100
51) 3-Nitroaniline	14.245	138	113924	40.071	ng/ul	92
52) Acenaphthene	14.381	153	471958	34.378	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	72791	40.300	ng/ul	98
55) 4-Nitrophenol	14.575	109	109652	40.785	ng/ul	97
56) Dibenzofuran	14.734	168	686040	36.194	ng/ul	100
57) 2,4-Dinitrotoluene	14.728	165	175624	41.302	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.963	232	155662	39.041	ng/ul	97
59) Diethylphthalate	15.181	149	590169	36.921	ng/ul	98
61) Fluorene	15.398	166	564751	36.060	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	300838	35.355	ng/ul	99
63) 4-Nitroaniline	15.451	138	110907	43.937	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.504	198	114634	38.541	ng/ul	98
67) N-Nitrosodiphenylamine	15.628	169	484957	35.792	ng/ul	98
68) 4-Bromophenyl-phenylether	16.328	248	184883	34.415	ng/ul	97
69) Hexachlorobenzene	16.428	284	205948	35.414	ng/ul	99
70) Atrazine	16.628	200	138797	27.895	ng/ul	99
71) Pentachlorophenol	16.798	266	127627	36.209	ng/ul	99
72) Phenanthrene	17.198	178	908990	35.739	ng/ul	100
74) Anthracene	17.304	178	893553	34.447	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	263255	33.899	ng/uL	96
76) Pentachlorobenzene	14.639	250	244764	33.494	ng/uL	100
77) Carbazole	17.598	167	837966	37.699	ng/ul	99
78) Di-n-butylphthalate	18.198	149	989518	36.898	ng/ul	99
80) Fluoranthene	19.322	202	1100813	35.839	ng/ul	100
82) Pyrene	19.698	202	1187738	37.167	ng/ul	99
83) Butylbenzylphthalate	20.669	149	477541	39.193	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.574	252	388924	36.180	ng/ul	98
85) Benzo(a)anthracene	21.639	228	1238862	36.841	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	694586	36.978	ng/ul	100
87) Chrysene	21.710	228	1160223	36.637	ng/ul	100
89) Di-n-octyl phthalate	22.904	149	1194079	36.345	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	1205667	37.634	ng/ul	99
91) Benzo(k)fluoranthene	24.051	252	1197043	36.447	ng/ul	98
93) Benzo(a)pyrene	24.892	252	1019825	33.034	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.903	276	1346240m	37.607	ng/ul	
95) Dibenzo(a,h)anthracene	28.992	278	1095107	37.545	ng/ul	99
96) Benzo(g,h,i)perylene	30.097	276	1043525m	36.445	ng/ul	

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

