

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
 Data File : BP019985.D
 Acq On : 25 Mar 2024 17:25
 Operator : MA/JU
 Sample : PB159760BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS760

Quant Time: Mar 25 19:04:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	91641	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	375230	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	247446	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	521327	20.000	ng/u1	-0.02
79) Chrysene-d12	21.539	240	494933	20.000	ng/u1	0.00
88) Perylene-d12	24.815	264	531061	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15035	7.188	ng/uL	0.00
4) Pyridine-d5	3.640	84	140432	22.236	ng/u1	0.00
7) Phenol-d5	6.805	99	288829	37.370	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	183794	36.500	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	203910	36.737	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	221555	37.051	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	101959	35.451	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	116978	36.352	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	217260	36.969	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	106009	13.837	ng/u1	0.01
46) Dimethylphthalate-d6	13.651	166	643497	37.091	ng/u1	0.00
49) Acenaphthylene-d8	13.934	160	726614	35.853	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	110051	40.350	ng/u1	0.00
60) Fluorene-d10	15.269	176	551552	37.320	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	117200	37.557	ng/u1	-0.02
73) Anthracene-d10	17.180	188	849255	36.801	ng/u1	0.01
81) Pyrene-d10	19.569	212	1033606	35.594	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.580	264	952190	37.322	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	32241	13.508	ng/uL	98
5) Pyridine	3.658	79	173776	26.995	ng/u1	97
6) Benzaldehyde	6.793	77	118669	31.050	ng/u1	98
8) Phenol	6.834	94	308587	38.189	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	247152	37.767	ng/u1	98
12) 2-Chlorophenol	7.193	128	221522	37.870	ng/u1	98
13) 2-Methylphenol	8.057	108	222599	38.215	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	347852	38.657	ng/u1	98
16) Acetophenone	8.434	105	366665	38.015	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	209719	38.984	ng/u1	100
18) 4-Methylphenol	8.381	108	244294	38.965	ng/u1	98
19) Hexachloroethane	8.663	117	103152	37.966	ng/u1	97
22) Nitrobenzene	8.804	77	310260	37.873	ng/u1	98
23) Isophorone	9.328	82	583947	38.240	ng/u1	99
25) 2-Nitrophenol	9.504	139	125421	37.388	ng/u1	97
26) 2,4-Dimethylphenol	9.563	107	264462	36.114	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.798	93	333829	37.386	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	218727	38.046	ng/u1	99
30) Naphthalene	10.416	128	703996	36.571	ng/u1	99
32) 4-Chloroaniline	10.551	127	157827	20.992	ng/u1	99
33) Hexachlorobutadiene	10.681	225	160872	35.508	ng/u1	97
34) Caprolactam	11.345	113	78218m	43.769	ng/u1	
35) 4-Chloro-3-methylphenol	11.669	107	264697	41.447	ng/u1	97
36) 2-Methylnaphthalene	12.040	142	477111	37.225	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	474330	37.004	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.404	216	289617	35.401	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	150454	32.499	ng/ul	100
41) 2,4,6-Trichlorophenol	12.657	196	178192	35.454	ng/ul	98
42) 2,4,5-Trichlorophenol	12.734	196	200246	38.521	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	644197	35.949	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	524629	36.304	ng/ul	99
45) 2-Nitroaniline	13.334	65	187143	41.112	ng/ul	97
47) Dimethylphthalate	13.710	163	687197	39.242	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	142023	39.945	ng/ul	98
50) Acenaphthylene	13.963	152	845540	37.308	ng/ul	99
51) 3-Nitroaniline	14.181	138	97429	29.756	ng/ul	96
52) Acenaphthene	14.310	153	546815	36.319	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	79236	39.159	ng/ul	96
55) 4-Nitrophenol	14.504	109	110636	44.203	ng/ul	95
56) Dibenzofuran	14.651	168	768668	37.592	ng/ul	96
57) 2,4-Dinitrotoluene	14.645	165	206096	42.398	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.892	232	170103	38.158	ng/ul	99
59) Diethylphthalate	15.104	149	686308	39.522	ng/ul	98
61) Fluorene	15.328	166	642442	38.522	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	335267	37.533	ng/ul	99
63) 4-Nitroaniline	15.369	138	119118	42.596	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.416	198	128133	38.690	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	490780	34.082	ng/ul	100
68) 4-Bromophenyl-phenylether	16.233	248	206167	36.438	ng/ul	98
69) Hexachlorobenzene	16.333	284	236008	37.565	ng/ul	98
70) Atrazine	16.545	200	45764	8.295	ng/ul	99
71) Pentachlorophenol	16.710	266	133716	36.307	ng/ul	98
72) Phenanthrene	17.110	178	1039460	38.565	ng/ul	100
74) Anthracene	17.216	178	1050947	38.400	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	288760	33.973	ng/uL	98
76) Pentachlorobenzene	14.575	250	277885	35.302	ng/uL	98
77) Carbazole	17.492	167	865225	36.971	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1143256	39.125	ng/ul	98
80) Fluoranthene	19.222	202	1261714	36.991	ng/ul	98
82) Pyrene	19.604	202	1311183	36.988	ng/ul	98
83) Butylbenzylphthalate	20.574	149	545360	37.886	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.463	252	25276	2.401	ng/ul	96
85) Benzo(a)anthracene	21.521	228	1346009	39.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	759030	36.087	ng/ul	98
87) Chrysene	21.580	228	1273008	39.977	ng/ul	98
89) Di-n-octyl phthalate	22.727	149	1336391	39.677	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1344986	43.198	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	1330698	42.057	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1271488	42.218	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.545	276	1575591m	41.536	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	1320516m	42.795	ng/ul	
96) Benzo(g,h,i)perylene	29.692	276	1272815m	41.540	ng/ul	

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

