

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036743.D
 Acq On : 26 Sep 2022 13:42
 Operator : CG/JU
 Sample : PB147814BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS814

Quant Time: Sep 26 23:12:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 23:10:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
 Supervised By :mohammad ahmed 09/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	374728	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1647859	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	1026251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2039954	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1628573	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1346382	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	59676	5.970	ng/uL	0.00
4) Pyridine-d5	3.810	84	803076	27.547	ng/u1	0.00
7) Phenol-d5	7.163	99	1181838	35.292	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	718376	35.324	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	904534	37.518	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	911139	36.823	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	449234	40.277	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	434485	43.490	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	862621	37.258	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	1196663	31.087	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2488547	35.954	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	3030589	36.913	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	456006	33.967	ng/u1	0.00
60) Fluorene-d10	15.616	176	2223338	35.845	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	328762	40.734	ng/u1	0.00
73) Anthracene-d10	17.468	188	3321607	35.612	ng/u1	0.00
81) Pyrene-d10	19.751	212	3554094	44.360	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	2471985	37.580	ng/u1	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	124145	11.529	ng/uL	98
5) Pyridine	3.834	79	883104	30.151	ng/u1	96
6) Benzaldehyde	7.140	77	702590m	43.327	ng/u1	
8) Phenol	7.193	94	1221136	33.976	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	931400	33.307	ng/u1	99
12) 2-Chlorophenol	7.563	128	925315	35.480	ng/u1	98
13) 2-Methylphenol	8.445	108	887776	33.605	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1124690	33.934	ng/u1	100
16) Acetophenone	8.834	105	1427499	33.260	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.822	70	722929	34.908	ng/u1	97
18) 4-Methylphenol	8.781	108	985743	34.506	ng/u1	99
19) Hexachloroethane	9.092	117	361376	34.210	ng/u1	95
22) Nitrobenzene	9.216	77	1078693	36.426	ng/u1	99
23) Isophorone	9.751	82	1970031	32.627	ng/u1	99
25) 2-Nitrophenol	9.928	139	477117	38.666	ng/u1	98
26) 2,4-Dimethylphenol	9.987	107	1001603	32.910	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	1222193	33.960	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	856182	35.175	ng/u1	99
30) Naphthalene	10.869	128	2998262	33.400	ng/u1	100
32) 4-Chloroaniline	10.975	127	1207818	30.391	ng/u1	100
33) Hexachlorobutadiene	11.151	225	472507	31.740	ng/u1	99
34) Caprolactam	11.775	113	268089m	33.955	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	946861	35.240	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	2002805	33.486	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2044456	34.002	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	967277	33.300	ng/u1	100
40) Hexachlorocyclopentadiene	12.810	237	432214	28.552	ng/u1	99
41) 2,4,6-Trichlorophenol	13.069	196	626310	35.215	ng/u1	97
42) 2,4,5-Trichlorophenol	13.139	196	693197	36.354	ng/u1	100
43) 1,1'-Biphenyl	13.469	154	2556033	33.787	ng/u1	99
44) 2-Chloronaphthalene	13.510	162	1982510	33.396	ng/u1	100
45) 2-Nitroaniline	13.716	65	603038	41.272	ng/u1	97
47) Dimethylphthalate	14.092	163	2470773	33.652	ng/u1	99
48) 2,6-Dinitrotoluene	14.210	165	481413	40.330	ng/u1	99
50) Acenaphthylene	14.357	152	3144474	33.500	ng/u1	99
51) 3-Nitroaniline	14.539	138	538590	37.620	ng/u1#	95
52) Acenaphthene	14.692	153	2202322	33.532	ng/u1	100
53) 2,4-Dinitrophenol	14.739	184	185538	35.030	ng/u1	98
55) 4-Nitrophenol	14.839	109	370378	32.274	ng/u1	99
56) Dibenzofuran	15.027	168	2959205	33.550	ng/u1	98
57) 2,4-Dinitrotoluene	14.992	165	697817	40.211	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	558340	34.980	ng/u1#	97
59) Diethylphthalate	15.451	149	2533784	34.474	ng/u1	100
61) Fluorene	15.674	166	2578612	34.326	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1200838	33.425	ng/u1	99
63) 4-Nitroaniline	15.698	138	524269	37.691	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.751	198	332608	36.519	ng/u1	99
67) N-Nitrosodiphenylamine	15.880	169	2099020	34.936	ng/u1	99
68) 4-Bromophenyl-phenylether	16.557	248	675439	33.593	ng/u1	97
69) Hexachlorobenzene	16.674	284	766411	32.227	ng/u1	99
70) Atrazine	16.833	200	694600	32.761	ng/u1	98
71) Pentachlorophenol	17.015	266	437841	30.995	ng/u1	99
72) Phenanthrene	17.410	178	3887317	34.596	ng/u1	99
74) Anthracene	17.504	178	3921780	34.338	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	999788	35.834	ng/uL	99
76) Pentachlorobenzene	14.945	250	893250	29.600	ng/uL	99
77) Carbazole	17.768	167	3480021	32.911	ng/u1	100
78) Di-n-butylphthalate	18.333	149	4405019	36.754	ng/u1	99
80) Fluoranthene	19.415	202	4174982	42.524	ng/u1	99
82) Pyrene	19.780	202	4322860	41.596	ng/u1	99
83) Butylbenzylphthalate	20.674	149	1716898	43.599	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.450	252	1143165	35.924	ng/u1	98
85) Benzo(a)anthracene	21.521	228	3598381	35.265	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	2690638	46.774	ng/u1	99
87) Chrysene	21.574	228	3345709	34.544	ng/u1	99
89) Di-n-octyl phthalate	22.386	149	3885269	47.866	ng/u1	100
90) Benzo(b)fluoranthene	23.227	252	3130904	36.671	ng/u1	100
91) Benzo(k)fluoranthene	23.274	252	3120138	36.573	ng/u1	98
93) Benzo(a)pyrene	23.862	252	2675722	35.649	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.509	276	2858125	32.608	ng/u1	96
95) Dibenzo(a,h)anthracene	26.527	278	2566328	32.285	ng/u1	99
96) Benzo(g,h,i)perylene	27.285	276	2508904	33.018	ng/u1	98

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

