

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042881.D
 Acq On : 18 Nov 2023 14:16
 Operator : MA/JU
 Sample : PB156892BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS892

Quant Time: Nov 18 22:01:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	26444	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.627	136	109488	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.474	164	69871	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.227	188	155262	20.000	ng/u1	-0.01
79) Chrysene-d12	21.409	240	184393	20.000	ng/u1	#-0.01
88) Perylene-d12	23.768	264	189028	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	6701	7.951	ng/uL	-0.01
4) Pyridine-d5	3.604	84	99960	47.684	ng/u1	-0.01
7) Phenol-d5	6.981	99	120599m	46.859	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	89846	49.681	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.334	132	86591	43.604	ng/u1	-0.02
15) 4-Methylphenol-d8	8.539	113	86189	42.532	ng/u1	-0.01
21) Nitrobenzene-d5	9.016	128	40193m	41.871	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	44601	39.717	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	86939	41.637	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.798	131	99188	37.414	ng/u1	-0.02
46) Dimethylphthalate-d6	13.898	166	273196	41.313	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	297712	42.077	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.721	143	31496	42.157	ng/u1	-0.02
60) Fluorene-d10	15.468	176	232314	42.424	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	47469	40.363	ng/u1	-0.01
73) Anthracene-d10	17.327	188	374420	43.030	ng/u1	-0.01
81) Pyrene-d10	19.621	212	497508	41.202	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.615	264	520821	46.062	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	15502	17.273	ng/uL#	85
5) Pyridine	3.628	79	107880	47.326	ng/u1	100
6) Benzaldehyde	6.981	77	80221	54.327	ng/u1	93
8) Phenol	7.010	94	120326	47.002	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.257	93	97040	45.890	ng/u1	89
12) 2-Chlorophenol	7.369	128	87958	44.506	ng/u1#	87
13) 2-Methylphenol	8.263	108	80092	41.955	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.328	45	194377m	50.494	ng/u1	
16) Acetophenone	8.669	105	145156	42.600	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.639	70	91308	44.020	ng/u1	92
18) 4-Methylphenol	8.598	108	89525	43.134	ng/u1	94
19) Hexachloroethane	8.863	117	50762	46.083	ng/u1	86
22) Nitrobenzene	9.057	77	134691	46.424	ng/u1	96
23) Isophorone	9.569	82	242123	41.901	ng/u1	97
25) 2-Nitrophenol	9.757	139	45814	40.156	ng/u1#	79
26) 2,4-Dimethylphenol	9.798	107	85116	34.868	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.057	93	126706	43.393	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	83957	42.469	ng/u1	95
30) Naphthalene	10.675	128	280623	40.911	ng/u1	99
32) 4-Chloroaniline	10.827	127	93716	36.847	ng/u1	94
33) Hexachlorobutadiene	10.898	225	71875	41.159	ng/u1	96
34) Caprolactam	11.651	113	26319m	44.901	ng/u1	
35) 4-Chloro-3-methylphenol	11.939	107	91173	43.040	ng/u1	97
36) 2-Methylnaphthalene	12.286	142	190898	41.525	ng/u1	97

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37) 1-Methylnaphthalene	12.510	142	188399	38.978	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.639	216	120294	43.899	ng/ul	97
40) Hexachlorocyclopentadiene	12.580	237	44312	34.157	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	70787	42.291	ng/ul	97
42) 2,4,5-Trichlorophenol	12.980	196	72532	44.877	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	254621	43.697	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	205648	43.870	ng/ul	97
45) 2-Nitroaniline	13.604	65	75259	49.228	ng/ul	90
47) Dimethylphthalate	13.945	163	269337	41.817	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	50442	41.686	ng/ul	91
50) Acenaphthylene	14.204	152	343809	43.366	ng/ul	99
51) 3-Nitroaniline	14.439	138	39371	39.790	ng/ul	96
52) Acenaphthene	14.539	153	233673	43.581	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	22126	36.775	ng/ul#	82
55) 4-Nitrophenol	14.733	109	53573	45.568	ng/ul	95
56) Dibenzofuran	14.874	168	327006	43.941	ng/ul	97
57) 2,4-Dinitrotoluene	14.880	165	80063	45.069	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.092	232	72135	42.996	ng/ul#	98
59) Diethylphthalate	15.292	149	283509	41.977	ng/ul	99
61) Fluorene	15.521	166	288748	45.700	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	154925	45.498	ng/ul	96
63) 4-Nitroaniline	15.610	138	39902	44.233	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.627	198	50466	42.149	ng/ul#	89
67) N-Nitrosodiphenylamine	15.745	169	216840	44.529	ng/ul	98
68) 4-Bromophenyl-phenylether	16.409	248	89058	43.093	ng/ul	95
69) Hexachlorobenzene	16.492	284	106861	42.297	ng/ul	98
70) Atrazine	16.692	200	79502	42.385	ng/ul	99
71) Pentachlorophenol	16.862	266	57928	39.817	ng/ul	99
72) Phenanthrene	17.268	178	434896	44.837	ng/ul	98
74) Anthracene	17.362	178	436687	44.759	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	123714	45.062	ng/uL	99
76) Pentachlorobenzene	14.763	250	127741	44.344	ng/uL	99
77) Carbazole	17.656	167	353712	43.906	ng/ul	99
78) Di-n-butylphthalate	18.168	149	501854	42.601	ng/ul	98
80) Fluoranthene	19.286	202	558091	40.536	ng/ul	98
82) Pyrene	19.650	202	611686	41.902	ng/ul	96
83) Butylbenzylphthalate	20.533	149	233450	37.441	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.344	252	175954	37.284	ng/ul	99
85) Benzo(a)anthracene	21.397	228	641269	44.303	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	357318	37.771	ng/ul	98
87) Chrysene	21.450	228	598735	42.651	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	622897	40.794	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	628034	48.684	ng/ul	98
91) Benzo(k)fluoranthene	23.091	252	641228	46.695	ng/ul	99
93) Benzo(a)pyrene	23.668	252	594955	47.330	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.226	276	747725	47.863	ng/ul	98
95) Dibenzo(a,h)anthracene	26.238	278	628495	48.525	ng/ul	98
96) Benzo(g,h,i)perylene	26.997	276	593908	47.875	ng/ul	100

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

