

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033376.D
 Acq On : 10 Dec 2021 02:59
 Operator : CG/JU
 Sample : PB141276BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS276

Quant Time: Dec 10 05:47:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 13:25:37 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	46260	20.000	ng/u1	0.00
20) Naphthalene-d8	10.701	136	192100	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.530	164	137385	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.271	188	309773	20.000	ng/u1	0.00
79) Chrysene-d12	21.436	240	322210	20.000	ng/u1	0.00
88) Perylene-d12	23.753	264	308272	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	7779m	6.319	ng/uL	0.00
4) Pyridine-d5	3.784	84	101699	28.493	ng/u1	0.00
7) Phenol-d5	7.078	99	122993	28.078	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.237	67	82323	28.706	ng/u1	0.00
11) 2-Chlorophenol-d4	7.437	132	89430	29.159	ng/u1	-0.01
15) 4-Methylphenol-d8	8.613	113	92698	27.036	ng/u1	0.00
21) Nitrobenzene-d5	9.066	128	44675	28.661	ng/u1	0.00
24) 2-Nitrophenol-d4	9.790	143	48435	30.287	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.325	165	92006	30.443	ng/u1	0.00
31) 4-Chloroaniline-d4	10.842	131	108175	24.141	ng/u1	0.00
46) Dimethylphthalate-d6	13.942	166	305518	29.763	ng/u1	0.00
49) Acenaphthylene-d8	14.225	160	377576	29.672	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	55464	29.759	ng/u1	0.00
60) Fluorene-d10	15.525	176	272876	29.719	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	51592	27.594	ng/u1	0.00
73) Anthracene-d10	17.371	188	464622	30.349	ng/u1	0.00
81) Pyrene-d10	19.654	212	552774	30.696	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.606	264	516521	30.912	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	15622	11.401	ng/uL	88
5) Pyridine	3.802	79	104803	28.510	ng/u1	88
6) Benzaldehyde	7.054	77	85468m	35.021	ng/u1	
8) Phenol	7.102	94	124125	27.510	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.331	93	93758	27.621	ng/u1	97
12) 2-Chlorophenol	7.472	128	90160	28.429	ng/u1	97
13) 2-Methylphenol	8.349	108	86347	26.396	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.437	45	163535	27.921	ng/u1	97
16) Acetophenone	8.731	105	152453	26.841	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.713	70	88314	28.446	ng/u1	97
18) 4-Methylphenol	8.678	108	97205	27.159	ng/u1	98
19) Hexachloroethane	8.978	117	45050	28.117	ng/u1	90
22) Nitrobenzene	9.113	77	135942	29.789	ng/u1	99
23) Isophorone	9.637	82	230306	29.472	ng/u1	99
25) 2-Nitrophenol	9.819	139	50137	29.572	ng/u1	96
26) 2,4-Dimethylphenol	9.878	107	119291	29.019	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.113	93	127942	29.111	ng/u1	98
29) 2,4-Dichlorophenol	10.354	162	90022	29.425	ng/u1	95
30) Naphthalene	10.754	128	302464	28.254	ng/u1	99
32) 4-Chloroaniline	10.866	127	104750	23.260	ng/u1	98
33) Hexachlorobutadiene	11.025	225	65090	29.066	ng/u1	92
34) Caprolactam	11.654	113	30586m	29.645	ng/u1	
35) 4-Chloro-3-methylphenol	11.989	107	111049	30.923	ng/u1	92
36) 2-Methylnaphthalene	12.360	142	209389	28.842	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.578	142	219125	29.044	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.725	216	114225	27.595	ng/ul	99
40) Hexachlorocyclopentadiene	12.695	237	70519	26.103	ng/ul	95
41) 2,4,6-Trichlorophenol	12.966	196	72524	29.765	ng/ul	98
42) 2,4,5-Trichlorophenol	13.042	196	79786	30.227	ng/ul	91
43) 1,1'-Biphenyl	13.366	154	296257	28.187	ng/ul	99
44) 2-Chloronaphthalene	13.413	162	227058	28.079	ng/ul	100
45) 2-Nitroaniline	13.619	65	89749	31.121	ng/ul	98
47) Dimethylphthalate	13.989	163	296444	29.085	ng/ul	98
48) 2,6-Dinitrotoluene	14.113	165	59507	30.203	ng/ul	94
50) Acenaphthylene	14.254	152	388124	29.294	ng/ul	99
51) 3-Nitroaniline	14.448	138	53950	27.819	ng/ul	92
52) Acenaphthene	14.595	153	251822	28.638	ng/ul	98
53) 2,4-Dinitrophenol	14.648	184	28046	24.223	ng/ul	95
55) 4-Nitrophenol	14.754	109	61290	30.425	ng/ul	92
56) Dibenzofuran	14.930	168	374593	29.377	ng/ul	99
57) 2,4-Dinitrotoluene	14.895	165	92057	31.806	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.154	232	69306	30.887	ng/ul	98
59) Diethylphthalate	15.348	149	322291	30.467	ng/ul	98
61) Fluorene	15.577	166	316226	30.161	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.572	204	154619	29.563	ng/ul	98
63) 4-Nitroaniline	15.607	138	69242	34.769	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.654	198	52829	28.366	ng/ul	91
67) N-Nitrosodiphenylamine	15.783	169	270908	29.744	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	93003	29.808	ng/ul	99
69) Hexachlorobenzene	16.572	284	102710	28.571	ng/ul	98
70) Atrazine	16.736	200	101507	28.087	ng/ul	99
71) Pentachlorophenol	16.924	266	57505	28.526	ng/ul	96
72) Phenanthrene	17.313	178	524659	29.359	ng/ul	99
74) Anthracene	17.407	178	538930	29.745	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	118922	26.618	ng/uL	100
76) Pentachlorobenzene	14.848	250	116603	26.429	ng/uL	98
77) Carbazole	17.677	167	489891	29.916	ng/ul	99
78) Di-n-butylphthalate	18.230	149	577992	31.456	ng/ul	99
80) Fluoranthene	19.318	202	639932	30.148	ng/ul	98
82) Pyrene	19.683	202	667062	30.018	ng/ul	99
83) Butylbenzylphthalate	20.571	149	268213	31.509	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.354	252	185116	25.277	ng/ul	97
85) Benzo(a)anthracene	21.418	228	624935	29.520	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	386930	31.628	ng/ul	99
87) Chrysene	21.471	228	621906	29.890	ng/ul	98
89) Di-n-octyl phthalate	22.236	149	668910	29.595	ng/ul	100
90) Benzo(b)fluoranthene	23.053	252	658347	31.170	ng/ul	99
91) Benzo(k)fluoranthene	23.101	252	581562	29.738	ng/ul	99
93) Benzo(a)pyrene	23.653	252	617299	30.460	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.130	276	641894	29.124	ng/ul	98
95) Dibenzo(a,h)anthracene	26.141	278	560025	29.211	ng/ul	99
96) Benzo(g,h,i)perylene	26.859	276	545655	29.026	ng/ul	98

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

