

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033367.D
 Acq On : 09 Dec 2021 21:00
 Operator : CG/JU
 Sample : PB141232BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS232

Quant Time: Dec 10 01:15:53 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	40115	20.000	ng/u1	0.00
20) Naphthalene-d8	10.701	136	170506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	121943	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.271	188	276505	20.000	ng/u1	0.00
79) Chrysene-d12	21.436	240	295870	20.000	ng/u1	0.00
88) Perylene-d12	23.759	264	279100	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	5975	5.597	ng/uL	0.00
4) Pyridine-d5	3.784	84	82827	26.761	ng/u1	0.00
7) Phenol-d5	7.078	99	107143	28.206	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.242	67	69851	28.088	ng/u1	0.00
11) 2-Chlorophenol-d4	7.442	132	78137	29.380	ng/u1	0.00
15) 4-Methylphenol-d8	8.619	113	81733	27.489	ng/u1	0.00
21) Nitrobenzene-d5	9.072	128	41085	29.696	ng/u1	0.00
24) 2-Nitrophenol-d4	9.789	143	43598	30.715	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	82352	30.700	ng/u1	0.00
31) 4-Chloroaniline-d4	10.842	131	119776	30.116	ng/u1	0.00
46) Dimethylphthalate-d6	13.942	166	271741	29.825	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	336711	29.811	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	48951m	29.590	ng/u1	0.00
60) Fluorene-d10	15.524	176	246211	30.210	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	47437	28.424	ng/u1	0.00
73) Anthracene-d10	17.371	188	409157	29.942	ng/u1	0.00
81) Pyrene-d10	19.653	212	496881	30.048	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.612	264	467726	30.918	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	12633	10.632	ng/uL	94
5) Pyridine	3.801	79	84392	26.475	ng/u1	96
6) Benzaldehyde	7.054	77	76550m	36.172	ng/u1	
8) Phenol	7.107	94	103543	26.463	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.331	93	78625	26.711	ng/u1	99
12) 2-Chlorophenol	7.478	128	75910	27.602	ng/u1	98
13) 2-Methylphenol	8.354	108	74999	26.439	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.442	45	139819m	27.529	ng/u1	
16) Acetophenone	8.736	105	134577	27.324	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.713	70	77568	28.812	ng/u1	96
18) 4-Methylphenol	8.683	108	82215	26.490	ng/u1	99
19) Hexachloroethane	8.983	117	39405	28.361	ng/u1	87
22) Nitrobenzene	9.113	77	118141	29.167	ng/u1	97
23) Isophorone	9.636	82	201308	29.024	ng/u1	100
25) 2-Nitrophenol	9.825	139	42828	28.460	ng/u1	97
26) 2,4-Dimethylphenol	9.877	107	99076	27.154	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.113	93	110710	28.381	ng/u1	98
29) 2,4-Dichlorophenol	10.354	162	78312	28.839	ng/u1	97
30) Naphthalene	10.754	128	263855	27.769	ng/u1	99
32) 4-Chloroaniline	10.872	127	101585	25.414	ng/u1	99
33) Hexachlorobutadiene	11.030	225	58100	29.230	ng/u1	96
34) Caprolactam	11.654	113	25623m	27.980	ng/u1	
35) 4-Chloro-3-methylphenol	11.989	107	95917	30.092	ng/u1	92
36) 2-Methylnaphthalene	12.360	142	183584	28.490	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033367.D
 Acq On : 09 Dec 2021 21:00
 Operator : CG/JU
 Sample : PB141232BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS232

Quant Time: Dec 10 01:15:53 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)
37) 1-Methylnaphthalene	12.577	142	190891	28.506	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.724	216	99684	27.132	ng/ul	98
40) Hexachlorocyclopentadiene	12.701	237	75762	31.595	ng/ul	99
41) 2,4,6-Trichlorophenol	12.966	196	63864	29.530	ng/ul	93
42) 2,4,5-Trichlorophenol	13.048	196	68814	29.371	ng/ul	98
43) 1,1'-Biphenyl	13.365	154	258791	27.740	ng/ul	99
44) 2-Chloronaphthalene	13.413	162	200345	27.913	ng/ul	98
45) 2-Nitroaniline	13.624	65	80278	31.362	ng/ul	99
47) Dimethylphthalate	13.989	163	257962	28.515	ng/ul	99
48) 2,6-Dinitrotoluene	14.113	165	51389	29.386	ng/ul#	86
50) Acenaphthylene	14.260	152	338496	28.784	ng/ul	98
51) 3-Nitroaniline	14.448	138	50665	29.433	ng/ul	99
52) Acenaphthene	14.595	153	222440	28.500	ng/ul	97
53) 2,4-Dinitrophenol	14.648	184	29873	29.068	ng/ul	93
55) 4-Nitrophenol	14.760	109	56638	31.677	ng/ul	90
56) Dibenzofuran	14.930	168	329073	29.075	ng/ul	98
57) 2,4-Dinitrotoluene	14.901	165	79363	30.892	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.159	232	61156	30.706	ng/ul	99
59) Diethylphthalate	15.348	149	281437	29.974	ng/ul	99
61) Fluorene	15.577	166	276384	29.699	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.571	204	136744	29.457	ng/ul	98
63) 4-Nitroaniline	15.607	138	60227	34.072	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.659	198	45276	27.235	ng/ul	96
67) N-Nitrosodiphenylamine	15.789	169	236947	29.145	ng/ul	98
68) 4-Bromophenyl-phenylether	16.465	248	80061	28.747	ng/ul	98
69) Hexachlorobenzene	16.577	284	90950	28.344	ng/ul	96
70) Atrazine	16.736	200	86946	26.953	ng/ul	99
71) Pentachlorophenol	16.924	266	56865	31.603	ng/ul	92
72) Phenanthrene	17.312	178	456943	28.646	ng/ul	98
74) Anthracene	17.406	178	459685	28.424	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.330	216	103437	25.938	ng/uL	96
76) Pentachlorobenzene	14.848	250	104619	26.566	ng/uL	98
77) Carbazole	17.677	167	416538	28.497	ng/ul	99
78) Di-n-butylphthalate	18.230	149	500787	30.534	ng/ul	99
80) Fluoranthene	19.324	202	557254	28.590	ng/ul	98
82) Pyrene	19.683	202	575274	28.192	ng/ul	100
83) Butylbenzylphthalate	20.571	149	234236	29.968	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.353	252	172818	25.699	ng/ul	96
85) Benzo(a)anthracene	21.418	228	557948	28.702	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	335462	29.862	ng/ul	99
87) Chrysene	21.471	228	547511	28.657	ng/ul	98
89) Di-n-octyl phthalate	22.241	149	591953	28.928	ng/ul	100
90) Benzo(b)fluoranthene	23.053	252	572571	29.942	ng/ul	99
91) Benzo(k)fluoranthene	23.100	252	535739	30.258	ng/ul	99
93) Benzo(a)pyrene	23.653	252	542118	29.546	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.129	276	570957	28.613	ng/ul	98
95) Dibenzo(a,h)anthracene	26.141	278	498621	28.727	ng/ul	97
96) Benzo(g,h,i)perylene	26.865	276	492429	28.933	ng/ul	99

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

