Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
Data File : BM036255.D
Acq On : 13 Aug 2022 06:45
Operator : CG/JU
Sample : PB146838BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS838

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2022
Supervised By :Sohil Jodhani 08/13/2022

Quant Time: Aug 13 07:17:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 11:23:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	206773	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	877798	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	511363	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1074761	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1126515	20.000	ng/ul	0.00
88) Perylene-d12	23.715	264	1176112	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	34903	6.352	ng/uL	0.00
4) Pyridine-d5	3.640	84	450771	29.944	ng/ul	0.00
7) Phenol-d5	6.998	99	569233	32.828	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.151	67	340836	29.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	467746	32.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	431784	30.738	ng/ul	-0.01
21) Nitrobenzene-d5	8.981	128	222865	32.040	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	231181	34.114	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	408674	33.343	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	592912	28.575	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	1169458	33.573	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	1497457	33.694	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.686	143	238129	33.291	ng/ul	-0.01
60) Fluorene-d10	15.445	176	1053353	33.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	196694	34.047	ng/ul	0.00
73) Anthracene-d10	17.298	188	1631066	33.568	ng/ul	0.00
81) Pyrene-d10	19.592	212	1938634	31.051	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	2041194	34.185	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	69354	12.179	ng/uL	91
5) Pyridine	3.658	79	444949	28.166	ng/ul	90
6) Benzaldehyde	6.957	77	300712	41.320	ng/ul	94
8) Phenol	7.028	94	573122	30.203	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.245	93	441984	28.972	ng/ul	96
12) 2-Chlorophenol	7.381	128	461154	31.233	ng/ul	98
13) 2-Methylphenol	8.275	108	415508	29.311	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.345	45	563414	27.979	ng/ul	98
16) Acetophenone	8.645	105	661180	29.316	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	319934	28.446	ng/ul	95
18) 4-Methylphenol	8.604	108	452181	29.734	ng/ul	99
19) Hexachloroethane	8.887	117	183789	30.170	ng/ul	92
22) Nitrobenzene	9.022	77	482234	30.296	ng/ul	99
23) Isophorone	9.551	82	880035	29.289	ng/ul	98
25) 2-Nitrophenol	9.734	139	241159	32.076	ng/ul	99
26) 2,4-Dimethylphenol	9.804	107	460132	29.951	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.034	93	552944	29.179	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	398771	31.346	ng/ul	98
30) Naphthalene	10.663	128	1419717	30.642	ng/ul	100
32) 4-Chloroaniline	10.786	127	541680	26.280	ng/ul	99
33) Hexachlorobutadiene	10.939	225	234460	29.854	ng/ul	98
34) Caprolactam	11.575	113	127598m	30.349	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	421897	31.894	ng/ul	97
36) 2-Methylnaphthalene	12.275	142	913274	30.128	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.498	142	924064	30.243	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.645	216	437925	30.085	ng/ul	99
40)	Hexachlorocyclopentadiene	12.616	237	216436	22.325	ng/ul	97
41)	2,4,6-Trichlorophenol	12.892	196	293475	31.505	ng/ul	100
42)	2,4,5-Trichlorophenol	12.975	196	319134	32.107	ng/ul	100
43)	1,1'-Biphenyl	13.292	154	1190366	30.244	ng/ul	100
44)	2-Chloronaphthalene	13.333	162	934835	30.948	ng/ul	99
45)	2-Nitroaniline	13.551	65	276450	33.197	ng/ul	98
47)	Dimethylphthalate	13.922	163	1128128	32.198	ng/ul	100
48)	2,6-Dinitrotoluene	14.045	165	229746	33.027	ng/ul	94
50)	Acenaphthylene	14.174	152	1552407	31.576	ng/ul	99
51)	3-Nitroaniline	14.374	138	270586	35.197	ng/ul	99
52)	Acenaphthene	14.516	153	994789	31.189	ng/ul	98
53)	2,4-Dinitrophenol	14.586	184	119738	30.316	ng/ul	98
55)	4-Nitrophenol	14.704	109	174188	31.840	ng/ul	85
56)	Dibenzofuran	14.851	168	1415461	32.074	ng/ul	98
57)	2,4-Dinitrotoluene	14.827	165	341914	34.869	ng/ul#	99
58)	2,3,4,6-Tetrachlorophenol	15.086	232	252547	32.339	ng/ul#	95
59)	Diethylphthalate	15.280	149	1159596	32.720	ng/ul	99
61)	Fluorene	15.504	166	1144732	31.754	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.498	204	530616	30.720	ng/ul	98
63)	4-Nitroaniline	15.539	138	296407m	41.880	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.592	198	188145	32.546	ng/ul	97
67)	N-Nitrosodiphenylamine	15.716	169	959937	30.381	ng/ul	99
68)	4-Bromophenyl-phenylether	16.392	248	310929	29.510	ng/ul	98
69)	Hexachlorobenzene	16.498	284	388051	30.227	ng/ul	100
70)	Atrazine	16.668	200	271385	24.763	ng/ul	98
71)	Pentachlorophenol	16.851	266	213675	27.244	ng/ul	99
72)	Phenanthrene	17.239	178	1835445	31.863	ng/ul	99
74)	Anthracene	17.333	178	1858257	32.149	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.251	216	437204	26.159	ng/uL	99
76)	Pentachlorobenzene	14.769	250	434598	28.686	ng/uL	100
77)	Carbazole	17.610	167	1781488	33.370	ng/ul	99
78)	Di-n-butylphthalate	18.168	149	1965030	32.623	ng/ul	100
80)	Fluoranthene	19.256	202	2185234	29.295	ng/ul	98
82)	Pyrene	19.615	202	2291568	29.805	ng/ul	98
83)	Butylbenzylphthalate	20.521	149	910124	32.546	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.303	252	802318	38.595	ng/ul	98
85)	Benzo(a)anthracene	21.362	228	2268892	31.999	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.292	149	1306828	32.343	ng/ul#	98
87)	Chrysene	21.415	228	2211014	31.959	ng/ul	99
89)	Di-n-octyl phthalate	22.197	149	2251405	29.643	ng/ul	100
90)	Benzo(b)fluoranthene	23.003	252	2459435	31.334	ng/ul	98
91)	Benzo(k)fluoranthene	23.050	252	2268309	30.454	ng/ul	97
93)	Benzo(a)pyrene	23.609	252	2375484	31.774	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.138	276	2777865	34.859	ng/ul	94
95)	Dibenzo(a,h)anthracene	26.150	278	2386639	34.909	ng/ul	97
96)	Benzo(g,h,i)perylene	26.880	276	2354480	35.654	ng/ul	96

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

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