Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037957.D
Acq On : 11 Dec 2022 05:23
Operator : CG/JU
Sample : PB149486BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS486

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

Quant Time: Dec 11 21:32:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	262277	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	1109173	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	662093	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1193125	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	936609	20.000	ng/ul	0.00
88) Perylene-d12	24.091	264	995547	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	29271	5.067	ng/uL	0.00
4) Pyridine-d5	3.852	84	422500	24.656	ng/ul	0.00
7) Phenol-d5	7.234	99	600517	28.176	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	354743	27.335	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	511547	29.259	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	479304	28.810	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	257522	29.324	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	281618	30.600	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	524981	30.032	ng/ul	0.00
31) 4-Chloroaniline-d4	11.033	131	622004	25.778	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1433362	30.366	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1697542	29.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	202670	25.193	ng/ul	0.00
60) Fluorene-d10	15.692	176	1223305	29.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	183125	28.708	ng/ul	0.00
73) Anthracene-d10	17.545	188	1673064	30.045	ng/ul	0.00
81) Pyrene-d10	19.827	212	1680261	29.865	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1568628	31.546	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.457	88	60246	9.942	ng/uL	96
5) Pyridine	3.875	79	440804	25.598	ng/ul	97
6) Benzaldehyde	7.210	77	299704	37.597	ng/ul	97
8) Phenol	7.263	94	615417	28.791	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.493	93	492582	28.064	ng/ul	99
12) 2-Chlorophenol	7.640	128	543452	30.393	ng/ul	99
13) 2-Methylphenol	8.522	108	479130	29.291	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.616	45	908190m	28.655	ng/ul	
16) Acetophenone	8.910	105	779162	29.779	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.898	70	385646	31.288	ng/ul	99
18) 4-Methylphenol	8.857	108	521234	29.456	ng/ul	97
19) Hexachloroethane	9.163	117	216039	30.222	ng/ul	98
22) Nitrobenzene	9.292	77	567348	30.025	ng/ul	98
23) Isophorone	9.828	82	1058933	30.582	ng/ul	98
25) 2-Nitrophenol	10.010	139	302332	31.335	ng/ul	95
26) 2,4-Dimethylphenol	10.063	107	543066	29.106	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.304	93	665521	28.914	ng/ul	99
29) 2,4-Dichlorophenol	10.545	162	529586	30.879	ng/ul	100
30) Naphthalene	10.951	128	1777496	29.696	ng/ul	99
32) 4-Chloroaniline	11.057	127	543525	22.588	ng/ul	98
33) Hexachlorobutadiene	11.228	225	357084	31.650	ng/ul	98
34) Caprolactam	11.857	113	136648m	31.061	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	493738	31.627	ng/ul	95
36) 2-Methylnaphthalene	12.545	142	1195568	30.795	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.763	142	1202800	30.299	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.910	216	656036	30.325	ng/ul	98
40)	Hexachlorocyclopentadiene	12.886	237	215760	17.435	ng/ul	100
41)	2,4,6-Trichlorophenol	13.151	196	407809	30.948	ng/ul	97
42)	2,4,5-Trichlorophenol	13.222	196	428677	31.193	ng/ul	98
43)	1,1'-Biphenyl	13.545	154	1576550	29.623	ng/ul	100
44)	2-Chloronaphthalene	13.592	162	1217064	29.644	ng/ul	98
45)	2-Nitroaniline	13.798	65	320961	32.446	ng/ul	100
47)	Dimethylphthalate	14.163	163	1464067	31.437	ng/ul	100
48)	2,6-Dinitrotoluene	14.286	165	295132	32.626	ng/ul	97
50)	Acenaphthylene	14.433	152	1893046	29.842	ng/ul	99
51)	3-Nitroaniline	14.616	138	280630	31.093	ng/ul	99
52)	Acenaphthene	14.774	153	1320496	30.096	ng/ul	98
53)	2,4-Dinitrophenol	14.821	184	111615	25.145	ng/ul	93
55)	4-Nitrophenol	14.916	109	152691	28.781	ng/ul	94
56)	Dibenzofuran	15.104	168	1754572	29.290	ng/ul	98
57)	2,4-Dinitrotoluene	15.069	165	382025	31.184	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.327	232	339643	29.380	ng/ul	97
59)	Diethylphthalate	15.516	149	1438748	31.011	ng/ul	98
61)	Fluorene	15.751	166	1462301	29.933	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.739	204	731032	30.620	ng/ul	96
63)	4-Nitroaniline	15.774	138	271565	33.184	ng/ul	90
66)	4,6-Dinitro-2-methylph...	15.827	198	182807	29.602	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.951	169	1173230	32.598	ng/ul	100
68)	4-Bromophenyl-phenylether	16.633	248	426351	32.598	ng/ul	100
69)	Hexachlorobenzene	16.751	284	504138	32.292	ng/ul	95
70)	Atrazine	16.898	200	213092	17.326	ng/ul	98
71)	Pentachlorophenol	17.092	266	243063	28.003	ng/ul	99
72)	Phenanthrene	17.492	178	2004507	30.765	ng/ul	100
74)	Anthracene	17.580	178	2017736	30.472	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.516	216	648796	33.636	ng/uL	99
76)	Pentachlorobenzene	15.021	250	618914	32.391	ng/uL	99
77)	Carbazole	17.851	167	1662966	28.988	ng/ul	99
78)	Di-n-butylphthalate	18.398	149	2216465	32.504	ng/ul	100
80)	Fluoranthene	19.492	202	2015137	30.348	ng/ul	100
82)	Pyrene	19.856	202	2107555	30.498	ng/ul	99
83)	Butylbenzylphthalate	20.739	149	789112	30.709	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.527	252	606359	32.717	ng/ul	98
85)	Benzo(a)anthracene	21.597	228	1984828	31.477	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.503	149	1137737	30.435	ng/ul	98
87)	Chrysene	21.656	228	1850103	31.272	ng/ul	100
89)	Di-n-octyl phthalate	22.456	149	1879878	29.470	ng/ul	100
90)	Benzo(b)fluoranthene	23.333	252	2048247	33.186	ng/ul	100
91)	Benzo(k)fluoranthene	23.386	252	1928165	32.235	ng/ul	99
93)	Benzo(a)pyrene	23.986	252	1761037	32.447	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.691	276	2012265	28.788	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.703	278	1810783	30.729	ng/ul	98
96)	Benzo(g,h,i)perylene	27.491	276	1650736	29.578	ng/ul	97

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

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