Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037956.D
Acq On : 11 Dec 2022 04:47
Operator : CG/JU
Sample : PB149493BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS493

Quant Time: Dec 11 21:31:48 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	186782	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	811736	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	514258	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	980345	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	731444	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	767909	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	22970	5.584	ng/uL	0.00
4) Pyridine-d5	3.852	84	333663	27.342	ng/ul	0.00
7) Phenol-d5	7.234	99	478796	31.545	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	282159	30.529	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	411773	33.071	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	389183	32.849	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	209726	32.632	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	228860	33.980	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	437319	34.185	ng/ul	0.00
31) 4-Chloroaniline-d4	11.033	131	508832	28.814	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1245172	33.963	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1486032	33.164	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	177137	28.349	ng/ul	0.00
60) Fluorene-d10	15.698	176	1104753	33.822	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	159286	30.390	ng/ul	0.00
73) Anthracene-d10	17.545	188	1535772	33.566	ng/ul	0.00
81) Pyrene-d10	19.827	212	1506964	34.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1352830	35.271	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	46240	10.715	ng/uL	92
5) Pyridine	3.875	79	336223	27.416	ng/ul	98
6) Benzaldehyde	7.210	77	220409	38.826	ng/ul	97
8) Phenol	7.263	94	476949	31.332	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.492	93	380995	30.480	ng/ul	98
12) 2-Chlorophenol	7.640	128	422674	33.193	ng/ul	100
13) 2-Methylphenol	8.522	108	373328	32.047	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.604	45	715762	31.711	ng/ul	98
16) Acetophenone	8.910	105	610310	32.753	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.898	70	298334	33.987	ng/ul	98
18) 4-Methylphenol	8.857	108	409664	32.508	ng/ul	99
19) Hexachloroethane	9.163	117	166927	32.790	ng/ul	99
22) Nitrobenzene	9.292	77	456482	33.009	ng/ul	99
23) Isophorone	9.822	82	820483	32.378	ng/ul	99
25) 2-Nitrophenol	10.010	139	239001	33.847	ng/ul	94
26) 2,4-Dimethylphenol	10.063	107	435471	31.891	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.304	93	525760	31.211	ng/ul	98
29) 2,4-Dichlorophenol	10.545	162	427677	34.074	ng/ul	99
30) Naphthalene	10.945	128	1413236	32.262	ng/ul	100
32) 4-Chloroaniline	11.057	127	440725	25.027	ng/ul	97
33) Hexachlorobutadiene	11.228	225	290615	35.197	ng/ul	98
34) Caprolactam	11.851	113	111118	34.513	ng/ul	96
35) 4-Chloro-3-methylphenol	12.175	107	403323	35.302	ng/ul	98
36) 2-Methylnaphthalene	12.545	142	973402	34.260	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	982906	33.832	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	554392	32.994	ng/ul	97
40) Hexachlorocyclopentadiene	12.886	237	165981	17.268	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	335915	32.820	ng/ul	97
42) 2,4,5-Trichlorophenol	13.222	196	356875	33.433	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	1302319	31.505	ng/ul	100
44) 2-Chloronaphthalene	13.592	162	1023896	32.109	ng/ul	98
45) 2-Nitroaniline	13.798	65	267148	34.769	ng/ul	97
47) Dimethylphthalate	14.163	163	1225278	33.873	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	244855	34.849	ng/ul	95
50) Acenaphthylene	14.433	152	1598196	32.437	ng/ul	99
51) 3-Nitroaniline	14.616	138	236567	33.746	ng/ul	99
52) Acenaphthene	14.768	153	1126037	33.041	ng/ul	99
53) 2,4-Dinitrophenol	14.821	184	93227	27.040	ng/ul	95
55) 4-Nitrophenol	14.916	109	131935	32.018	ng/ul	96
56) Dibenzofuran	15.104	168	1518465	32.635	ng/ul	99
57) 2,4-Dinitrotoluene	15.068	165	325994	34.260	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.327	232	300281	33.443	ng/ul	98
59) Diethylphthalate	15.515	149	1253818	34.794	ng/ul	100
61) Fluorene	15.751	166	1286823	33.913	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	644619	34.762	ng/ul	96
63) 4-Nitroaniline	15.774	138	230396	36.247	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.827	198	154079	30.366	ng/ul#	95
67) N-Nitrosodiphenylamine	15.951	169	1020444	34.507	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	374962	34.892	ng/ul	99
69) Hexachlorobenzene	16.751	284	453499	35.353	ng/ul	96
70) Atrazine	16.898	200	179385	17.751	ng/ul	99
71) Pentachlorophenol	17.092	266	213957	30.000	ng/ul	98
72) Phenanthrene	17.486	178	1787497	33.388	ng/ul	100
74) Anthracene	17.580	178	1810225	33.272	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	541970	34.196	ng/uL	98
76) Pentachlorobenzene	15.021	250	539301	34.351	ng/uL	99
77) Carbazole	17.851	167	1461245	31.000	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2005104	35.787	ng/ul	99
80) Fluoranthene	19.492	202	1783233	34.389	ng/ul	100
82) Pyrene	19.856	202	1868817	34.628	ng/ul	99
83) Butylbenzylphthalate	20.739	149	688484	34.308	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	488527	33.752	ng/ul	97
85) Benzo(a)anthracene	21.597	228	1687222	34.263	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.509	149	958867	32.845	ng/ul	97
87) Chrysene	21.656	228	1555420	33.665	ng/ul	100
89) Di-n-octyl phthalate	22.456	149	1566435	31.835	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1682555	35.342	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	1594019	34.548	ng/ul	99
93) Benzo(a)pyrene	23.985	252	1450928	34.658	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.691	276	1632721	30.282	ng/ul	98
95) Dibenzo(a,h)anthracene	26.709	278	1487637	32.729	ng/ul	96
96) Benzo(g,h,i)perylene	27.491	276	1310328	30.439	ng/ul	97

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

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