Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018692.D
Acq On : 08 Dec 2023 02:30
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020716

Quant Time: Dec 08 03:34:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	261701	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	1010919	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	633773	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1452993	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1572774	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1883340	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	57540	7.493	ng/uL	0.00
4) Pyridine-d5	3.681	84	396863	19.293	ng/ul	0.00
7) Phenol-d5	7.016	99	474248	18.058	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	274447	17.632	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	365991	17.860	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	363058	17.082	ng/ul	-0.01
21) Nitrobenzene-d5	9.004	128	168835	18.765	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	177086	18.984	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	363063	19.034	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	494700	19.845	ng/ul	-0.01
46) Dimethylphthalate-d6	13.892	166	1041951	18.420	ng/ul	-0.01
49) Acenaphthylene-d8	14.169	160	1207673	19.389	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	201773	21.731	ng/ul	-0.01
60) Fluorene-d10	15.469	176	910245	19.171	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	149460	17.155	ng/ul	0.00
73) Anthracene-d10	17.322	188	1478754	19.359	ng/ul	0.00
81) Pyrene-d10	19.557	212	1868878	15.265	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.521	264	2053324	18.699	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	65333	7.758	ng/uL	98
5) Pyridine	3.705	79	404934	19.493	ng/ul	95
6) Benzaldehyde	6.987	77	276717	20.408	ng/ul	95
8) Phenol	7.040	94	472046	18.328	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	379647	17.949	ng/ul	99
12) 2-Chlorophenol	7.405	128	370185	17.849	ng/ul	98
13) 2-Methylphenol	8.293	108	342246	17.358	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.375	45	442925	16.504	ng/ul	98
16) Acetophenone	8.669	105	556238	17.561	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.657	70	265131	15.215	ng/ul	98
18) 4-Methylphenol	8.622	108	373526	17.349	ng/ul	98
19) Hexachloroethane	8.922	117	151301	17.795	ng/ul	92
22) Nitrobenzene	9.046	77	414335	18.940	ng/ul	99
23) Isophorone	9.575	82	765525	17.163	ng/ul	99
25) 2-Nitrophenol	9.757	139	191279	19.151	ng/ul	98
26) 2,4-Dimethylphenol	9.822	107	354511	18.148	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.063	93	487217	17.302	ng/ul	99
29) 2,4-Dichlorophenol	10.287	162	350480	19.076	ng/ul	100
30) Naphthalene	10.693	128	1156079	18.851	ng/ul	100
32) 4-Chloroaniline	10.804	127	473280	19.920	ng/ul	99
33) Hexachlorobutadiene	10.975	225	244611	19.879	ng/ul	99
34) Caprolactam	11.575	113	102276	18.154	ng/ul	92
35) 4-Chloro-3-methylphenol	11.928	107	364479	17.708	ng/ul	99
36) 2-Methylnaphthalene	12.298	142	778786	17.925	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	782009	17.823	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.669	216	460758	20.038	ng/ul	98
40) Hexachlorocyclopentadiene	12.645	237	233826	17.156	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	284798	19.253	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	309186	19.280	ng/ul	98
43) 1,1'-Biphenyl	13.310	154	1029833	18.788	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	836426	19.321	ng/ul	97
45) 2-Nitroaniline	13.557	65	216913	18.483	ng/ul	97
47) Dimethylphthalate	13.940	163	1024116	18.393	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	197340	18.759	ng/ul	96
50) Acenaphthylene	14.198	152	1350172	19.280	ng/ul	100
51) 3-Nitroaniline	14.381	138	220982	21.044	ng/ul	97
52) Acenaphthene	14.539	153	881430	19.037	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	92518	16.594	ng/ul	98
55) 4-Nitrophenol	14.692	109	154978	22.093	ng/ul	95
56) Dibenzofuran	14.875	168	1242584	19.309	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	295151	19.946	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.098	232	271086	20.153	ng/ul	97
59) Diethylphthalate	15.304	149	990010	18.170	ng/ul	99
61) Fluorene	15.522	166	1011048	19.855	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.522	204	522805	19.576	ng/ul	95
63) 4-Nitroaniline	15.545	138	233999	23.391	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.604	198	162576	17.454	ng/ul	91
67) N-Nitrosodiphenylamine	15.734	169	863412	17.933	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	330763	18.032	ng/ul	95
69) Hexachlorobenzene	16.522	284	386265	18.860	ng/ul	99
70) Atrazine	16.692	200	284138	19.850	ng/ul	98
71) Pentachlorophenol	16.869	266	244180	20.047	ng/ul	99
72) Phenanthrene	17.263	178	1684199	19.192	ng/ul	99
74) Anthracene	17.357	178	1708523	19.423	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	458456	18.248	ng/uL	98
76) Pentachlorobenzene	14.792	250	446013	18.073	ng/uL	99
77) Carbazole	17.628	167	1576427	22.487	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1681529	18.013	ng/ul	99
80) Fluoranthene	19.233	202	2132107	14.733	ng/ul	98
82) Pyrene	19.586	202	2237556	15.327	ng/ul	96
83) Butylbenzylphthalate	20.463	149	802132	15.008	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	794851	20.797	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2387773	18.704	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1158887	15.776	ng/ul#	98
87) Chrysene	21.345	228	2221065	18.893	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	2061185	14.990	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	2533777	18.247	ng/ul	99
91) Benzo(k)fluoranthene	23.004	252	2409291	17.932	ng/ul	98
93) Benzo(a)pyrene	23.574	252	2377003	18.734	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.139	276	2985532	19.694	ng/ul	98
95) Dibenzo(a,h)anthracene	26.162	278	2477835	19.648	ng/ul	98
96) Benzo(g,h,i)perylene	26.898	276	2402580	19.693	ng/ul	98

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

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