Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013203.D
Acq On : 21 Dec 2022 12:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020712

Quant Time: Dec 21 21:51:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	537303	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	2099505	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	1240041	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	2576596	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2808345	20.000	ng/ul	0.00
88) Perylene-d12	23.916	264	3277447	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	102482	8.155	ng/uL	0.00
4) Pyridine-d5	3.764	84	745342	20.879	ng/ul	0.00
7) Phenol-d5	7.111	99	873115	19.950	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	549561	20.816	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	699452	20.302	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	679245	18.942	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	327855	21.254	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.846	143	373808	21.525	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	711869	21.104	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	910925	19.129	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1842156	19.330	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	2203841	21.045	ng/ul	0.00
54) 4-Nitrophenol-d4	14.787	143	330136	19.258	ng/ul	0.00
60) Fluorene-d10	15.587	176	1621494	20.111	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	295974	17.850	ng/ul	0.00
73) Anthracene-d10	17.451	188	2467448	21.227	ng/ul	0.00
81) Pyrene-d10	19.680	212	3044259	18.885	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	3344669	20.474	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	107820	8.219	ng/uL#	90
5) Pyridine	3.781	79	754465	21.265	ng/ul	93
6) Benzaldehyde	7.087	77	342988	20.015	ng/ul	96
8) Phenol	7.134	94	902583	20.397	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.369	93	725252	19.969	ng/ul	95
12) 2-Chlorophenol	7.511	128	718074	20.325	ng/ul	96
13) 2-Methylphenol	8.393	108	660937	19.159	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1071238	21.495	ng/ul	98
16) Acetophenone	8.781	105	1087291	19.775	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.763	70	540358	19.543	ng/ul	95
18) 4-Methylphenol	8.722	108	731292	19.138	ng/ul	96
19) Hexachloroethane	9.034	117	293489	20.788	ng/ul	94
22) Nitrobenzene	9.163	77	810303	22.386	ng/ul	97
23) Isophorone	9.693	82	1440922	19.687	ng/ul	99
25) 2-Nitrophenol	9.875	139	403687	21.454	ng/ul	96
26) 2,4-Dimethylphenol	9.934	107	773951	21.080	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	948243	20.262	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	702392	21.257	ng/ul	99
30) Naphthalene	10.816	128	2287163	20.830	ng/ul	100
32) 4-Chloroaniline	10.928	127	911516	19.343	ng/ul	99
33) Hexachlorobutadiene	11.099	225	495185	21.827	ng/ul	96
34) Caprolactam	11.710	113	179975	15.974	ng/ul	96
35) 4-Chloro-3-methylphenol	12.046	107	669716	19.861	ng/ul	99
36) 2-Methylnaphthalene	12.422	142	1498183	19.889	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.640	142	1530175	19.753	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.787	216	909318	22.773	ng/ul	100
40)	Hexachlorocyclopentadiene	12.763	237	432382	16.640	ng/ul	97
41)	2,4,6-Trichlorophenol	13.028	196	556027	21.668	ng/ul	98
42)	2,4,5-Trichlorophenol	13.098	196	606621	22.008	ng/ul	99
43)	1,1'-Biphenyl	13.428	154	2003227	21.510	ng/ul	100
44)	2-Chloronaphthalene	13.469	162	1601001	21.842	ng/ul	100
45)	2-Nitroaniline	13.675	65	395953	22.280	ng/ul	95
47)	Dimethylphthalate	14.045	163	1838544	19.464	ng/ul	100
48)	2,6-Dinitrotoluene	14.169	165	347843	19.815	ng/ul	99
50)	Acenaphthylene	14.316	152	2356451	20.930	ng/ul	100
51)	3-Nitroaniline	14.498	138	312576	18.857	ng/ul	96
52)	Acenaphthene	14.657	153	1624132	20.817	ng/ul	100
53)	2,4-Dinitrophenol	14.704	184	176626	14.720	ng/ul	95
55)	4-Nitrophenol	14.804	109	248928	21.281	ng/ul	95
56)	Dibenzofuran	14.992	168	2304829	20.778	ng/ul	99
57)	2,4-Dinitrotoluene	14.957	165	492644	19.320	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.216	232	509923	20.271	ng/ul	99
59)	Diethylphthalate	15.410	149	1689847	18.403	ng/ul	100
61)	Fluorene	15.639	166	1827445	20.542	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.634	204	971394	20.648	ng/ul	100
63)	4-Nitroaniline	15.663	138	283836	19.460	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.722	198	294152	18.154	ng/ul	97
67)	N-Nitrosodiphenylamine	15.851	169	1513898	21.193	ng/ul	99
68)	4-Bromophenyl-phenylether	16.534	248	580695	20.753	ng/ul	99
69)	Hexachlorobenzene	16.651	284	691949	20.826	ng/ul	99
70)	Atrazine	16.804	200	538916	19.360	ng/ul	100
71)	Pentachlorophenol	16.992	266	421184	20.933	ng/ul	99
72)	Phenanthrene	17.392	178	2839097	21.155	ng/ul	99
74)	Anthracene	17.486	178	2882050	21.507	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.393	216	886265	24.109	ng/uL	99
76)	Pentachlorobenzene	14.910	250	849056	22.654	ng/uL	99
77)	Carbazole	17.751	167	2527471	22.396	ng/ul	99
78)	Di-n-butylphthalate	18.292	149	2562135	18.646	ng/ul	99
80)	Fluoranthene	19.357	202	3451034	18.862	ng/ul	98
82)	Pyrene	19.710	202	3681561	19.507	ng/ul	98
83)	Butylbenzylphthalate	20.575	149	1242729	17.045	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.345	252	1187608	18.719	ng/ul	99
85)	Benzo(a)anthracene	21.422	228	3934462	21.104	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.327	149	1760672	17.119	ng/ul	100
87)	Chrysene	21.474	228	3717384	21.085	ng/ul	99
89)	Di-n-octyl phthalate	22.274	149	3115456	16.968	ng/ul	100
90)	Benzo(b)fluoranthene	23.157	252	4251336	20.342	ng/ul	100
91)	Benzo(k)fluoranthene	23.204	252	4113074	19.847	ng/ul	100
93)	Benzo(a)pyrene	23.804	252	3754922	20.634	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.504	276	5072526	22.378	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.521	278	4228550	22.531	ng/ul	99
96)	Benzo(g,h,i)perylene	27.304	276	4118397	22.631	ng/ul	98

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

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