Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013230.D
Acq On : 22 Dec 2022 04:17
Operator : CG/JU
Sample : PB149681BS
Misc :
ALS Vial : 113 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS681

Quant Time: Dec 22 06:31:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 23:38:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	597377	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	2467853	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	1447390	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2613176	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2166299	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	2676509	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	91351	6.538	ng/uL	0.00
4) Pyridine-d5	3.757	84	1345199	33.894	ng/ul	0.00
7) Phenol-d5	7.110	99	1738111	35.721	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	1050218	35.780	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	1376185	35.928	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	1355567	34.001	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	671160	37.015	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	767034	37.576	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	1428693	36.033	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	1722732	30.777	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	3666178	32.958	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	4300068	35.179	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	584100	29.191	ng/ul	0.00
60) Fluorene-d10	15.586	176	3090967	32.845	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	555690	33.045	ng/ul	0.00
73) Anthracene-d10	17.445	188	4187076	35.516	ng/ul	0.00
81) Pyrene-d10	19.674	212	4232157	34.036	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.750	264	4816146	36.101	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	188934	12.954	ng/uL#	92
5) Pyridine	3.781	79	1351948	34.274	ng/ul	98
6) Benzaldehyde	7.087	77	1052984	55.267	ng/ul	98
8) Phenol	7.134	94	1763249	35.840	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.369	93	1396261	34.579	ng/ul	97
12) 2-Chlorophenol	7.510	128	1399202	35.621	ng/ul	97
13) 2-Methylphenol	8.392	108	1315435	34.296	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	2057504	37.133	ng/ul	98
16) Acetophenone	8.781	105	2099091	34.337	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.769	70	1050840	34.184	ng/ul	95
18) 4-Methylphenol	8.728	108	1436283	33.808	ng/ul	98
19) Hexachloroethane	9.034	117	550414	35.065	ng/ul	98
22) Nitrobenzene	9.163	77	1584552	37.241	ng/ul	97
23) Isophorone	9.692	82	2898748	33.693	ng/ul	98
25) 2-Nitrophenol	9.875	139	809737	36.610	ng/ul	94
26) 2,4-Dimethylphenol	9.933	107	1430422	33.146	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	1844751	33.534	ng/ul	100
29) 2,4-Dichlorophenol	10.410	162	1387715	35.729	ng/ul	99
30) Naphthalene	10.816	128	4411325	34.179	ng/ul	100
32) 4-Chloroaniline	10.922	127	1704876	30.779	ng/ul	100
33) Hexachlorobutadiene	11.092	225	959926	35.996	ng/ul	98
34) Caprolactam	11.716	113	356968	26.955	ng/ul	93
35) 4-Chloro-3-methylphenol	12.045	107	1349100	34.037	ng/ul	100
36) 2-Methylnaphthalene	12.416	142	2943561	33.244	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.639	142	2938376	32.269	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.786	216	1798539	38.590	ng/ul	99
40)	Hexachlorocyclopentadiene	12.763	237	790985	26.080	ng/ul	99
41)	2,4,6-Trichlorophenol	13.022	196	1125511	37.577	ng/ul	100
42)	2,4,5-Trichlorophenol	13.098	196	1208049	37.548	ng/ul	100
43)	1,1'-Biphenyl	13.422	154	3899283	35.871	ng/ul	98
44)	2-Chloronaphthalene	13.469	162	3114762	36.407	ng/ul	99
45)	2-Nitroaniline	13.674	65	813133	39.200	ng/ul	97
47)	Dimethylphthalate	14.045	163	3631996	32.942	ng/ul	99
48)	2,6-Dinitrotoluene	14.169	165	734568	35.851	ng/ul	100
50)	Acenaphthylene	14.316	152	4558934	34.692	ng/ul	100
51)	3-Nitroaniline	14.498	138	702664	36.318	ng/ul	98
52)	Acenaphthene	14.657	153	3143299	34.517	ng/ul	99
53)	2,4-Dinitrophenol	14.704	184	362312	25.869	ng/ul	99
55)	4-Nitrophenol	14.804	109	428207	31.363	ng/ul	95
56)	Dibenzofuran	14.992	168	4348006	33.582	ng/ul	100
57)	2,4-Dinitrotoluene	14.957	165	986379	33.142	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.216	232	976001	33.241	ng/ul	98
59)	Diethylphthalate	15.410	149	3311971	30.902	ng/ul	99
61)	Fluorene	15.639	166	3427466	33.008	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.633	204	1841990	33.545	ng/ul	99
63)	4-Nitroaniline	15.663	138	652851	38.347	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.721	198	553922	33.707	ng/ul	99
67)	N-Nitrosodiphenylamine	15.845	169	2857792	39.446	ng/ul	99
68)	4-Bromophenyl-phenylether	16.527	248	1115983	39.325	ng/ul	97
69)	Hexachlorobenzene	16.645	284	1266155	37.575	ng/ul	97
70)	Atrazine	16.804	200	924867	32.759	ng/ul	99
71)	Pentachlorophenol	16.992	266	700045	34.305	ng/ul	100
72)	Phenanthrene	17.392	178	4867631	35.762	ng/ul	99
74)	Anthracene	17.480	178	4833659	35.566	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.392	216	1795402	48.156	ng/uL	100
76)	Pentachlorobenzene	14.910	250	1600646	42.109	ng/uL	100
77)	Carbazole	17.751	167	4002620	34.971	ng/ul	100
78)	Di-n-butylphthalate	18.292	149	4437687	31.844	ng/ul	100
80)	Fluoranthene	19.351	202	4958975	35.138	ng/ul	99
82)	Pyrene	19.704	202	5119675	35.167	ng/ul	100
83)	Butylbenzylphthalate	20.568	149	1590855	28.286	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.345	252	1696138	34.659	ng/ul	99
85)	Benzo(a)anthracene	21.415	228	5228351	36.356	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.327	149	2121683	26.743	ng/ul	99
87)	Chrysene	21.474	228	4931308	36.260	ng/ul	99
89)	Di-n-octyl phthalate	22.274	149	3826400	25.519	ng/ul	100
90)	Benzo(b)fluoranthene	23.150	252	5832016	34.170	ng/ul	99
91)	Benzo(k)fluoranthene	23.203	252	5948049	35.145	ng/ul	100
93)	Benzo(a)pyrene	23.803	252	5369713	36.133	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.503	276	7299134	39.431	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.515	278	6197266	40.435	ng/ul	99
96)	Benzo(g,h,i)perylene	27.297	276	6049506	40.707	ng/ul	99

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

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