Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111122\
Data File : BP012613.D
Acq On : 11 Nov 2022 12:20
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020674

Quant Time: Nov 11 21:40:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 23:28:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	293432	20.000	ng/ul	0.00
20) Naphthalene-d8	10.557	136	1368457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	906071	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	1968834	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	2033400	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	2142545	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	53228	7.393	ng/uL	0.00
4) Pyridine-d5	3.640	84	387083	19.026	ng/ul	0.00
7) Phenol-d5	6.946	99	493332	19.944	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	312075	21.086	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	394793	20.740	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	406905	20.795	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	205428	20.288	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	224287	20.168	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	411123	20.520	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	598509	21.207	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1302736	20.859	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	1480494	20.955	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	207384	21.090	ng/ul	-0.01
60) Fluorene-d10	15.410	176	1102121	20.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	218079	20.027	ng/ul	0.00
73) Anthracene-d10	17.275	188	1729173	20.224	ng/ul	0.00
81) Pyrene-d10	19.522	212	2072048	18.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	2126563	20.134	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	56264	7.316	ng/uL	97
5) Pyridine	3.658	79	373582	18.992	ng/ul	92
6) Benzaldehyde	6.911	77	285755	24.713	ng/ul	100
8) Phenol	6.975	94	518350	20.294	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	430876	20.884	ng/ul	100
12) 2-Chlorophenol	7.328	128	412748	20.216	ng/ul	100
13) 2-Methylphenol	8.216	108	406698	20.612	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	566092	20.962	ng/ul	100
16) Acetophenone	8.593	105	670294	22.412	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.575	70	326691	21.227	ng/ul	98
18) 4-Methylphenol	8.552	108	443658	21.153	ng/ul	99
19) Hexachloroethane	8.828	117	164817	20.029	ng/ul	96
22) Nitrobenzene	8.975	77	495145	20.369	ng/ul	99
23) Isophorone	9.499	82	955618	20.285	ng/ul	99
25) 2-Nitrophenol	9.681	139	252102	20.316	ng/ul	97
26) 2,4-Dimethylphenol	9.746	107	496404	20.343	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.981	93	607225	20.237	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	419768	20.275	ng/ul	99
30) Naphthalene	10.610	128	1416139	19.994	ng/ul	100
32) 4-Chloroaniline	10.734	127	614184	21.175	ng/ul	100
33) Hexachlorobutadiene	10.881	225	268664	19.598	ng/ul	98
34) Caprolactam	11.540	113	137466	21.066	ng/ul	97
35) 4-Chloro-3-methylphenol	11.875	107	473877	20.908	ng/ul	98
36) 2-Methylnaphthalene	12.222	142	1000326	20.534	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.446	142	991007	20.310	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.593	216	531785	19.639	ng/ul	100
40) Hexachlorocyclopentadiene	12.563	237	248562	18.871	ng/ul	100
41) 2,4,6-Trichlorophenol	12.846	196	350482	20.029	ng/ul	98
42) 2,4,5-Trichlorophenol	12.928	196	378235	20.459	ng/ul	98
43) 1,1'-Biphenyl	13.246	154	1318033	20.218	ng/ul	98
44) 2-Chloronaphthalene	13.287	162	1033265	19.967	ng/ul	99
45) 2-Nitroaniline	13.510	65	294098	20.866	ng/ul	97
47) Dimethylphthalate	13.881	163	1331507	20.422	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	281223	21.957	ng/ul	96
50) Acenaphthylene	14.134	152	1601984	20.600	ng/ul	99
51) 3-Nitroaniline	14.345	138	297784	22.934	ng/ul	97
52) Acenaphthene	14.481	153	1111532	20.174	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	172559	23.337	ng/ul	98
55) 4-Nitrophenol	14.675	109	159923	20.049	ng/ul	98
56) Dibenzofuran	14.816	168	1549387	20.800	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	388748	21.927	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.051	232	339235	21.023	ng/ul	97
59) Diethylphthalate	15.245	149	1342813	20.743	ng/ul	99
61) Fluorene	15.469	166	1247996	20.988	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	615881	20.475	ng/ul	99
63) 4-Nitroaniline	15.516	138	284471	26.219	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.569	198	228447	20.128	ng/ul	98
67) N-Nitrosodiphenylamine	15.687	169	1104306	19.998	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	411696	19.607	ng/ul	99
69) Hexachlorobenzene	16.475	284	489756	19.593	ng/ul	98
70) Atrazine	16.651	200	403486	20.514	ng/ul	99
71) Pentachlorophenol	16.834	266	276581	19.704	ng/ul	99
72) Phenanthrene	17.222	178	2079012	20.274	ng/ul	99
74) Anthracene	17.316	178	2091909	19.930	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	540931	18.756	ng/uL	98
76) Pentachlorobenzene	14.734	250	578573	18.615	ng/uL	99
77) Carbazole	17.592	167	1929475	22.035	ng/ul	99
78) Di-n-butylphthalate	18.139	149	2334336	19.832	ng/ul	100
80) Fluoranthene	19.198	202	2492780	17.715	ng/ul	100
82) Pyrene	19.551	202	2598664	18.115	ng/ul	99
83) Butylbenzylphthalate	20.427	149	1089087	18.901	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.204	252	923201	23.106	ng/ul	99
85) Benzo(a)anthracene	21.263	228	2618501	20.312	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	1606278	20.122	ng/ul	99
87) Chrysene	21.316	228	2460035	20.325	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	2766281	17.886	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2822428	19.658	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	2593413	18.953	ng/ul	99
93) Benzo(a)pyrene	23.551	252	2374035	20.144	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.121	276	2623268	19.382	ng/ul	99
95) Dibenzo(a,h)anthracene	26.133	278	2348596	19.130	ng/ul	100
96) Benzo(g,h,i)perylene	26.874	276	2264021	18.651	ng/ul	99

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

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