Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
Data File : BP012840.D
Acq On : 29 Nov 2022 05:36
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020683

Quant Time: Nov 29 06:29:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	677339	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2773282	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1578670	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.404	188	2609831	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	2163293	20.000	ng/ul	-0.01
88) Perylene-d12	23.998	264	2360357	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	132638	8.391	ng/uL	0.00
4) Pyridine-d5	3.822	84	941144	19.896	ng/ul	0.00
7) Phenol-d5	7.164	99	1082663	19.452	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	677514	19.754	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	873032	20.585	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	850775	18.972	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	403951	23.798	ng/ul	0.00
24) 2-Nitrophenol-d4	9.905	143	438003	24.302	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	879666	20.918	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1123525	19.510	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2086506	19.202	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	2655977	20.948	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	309283	15.965	ng/ul	0.00
60) Fluorene-d10	15.640	176	1859495	19.540	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	251764	20.184	ng/ul	0.00
73) Anthracene-d10	17.504	188	2403738	20.923	ng/ul	0.00
81) Pyrene-d10	19.728	212	2340693	18.621	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2342084	20.201	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	138021	8.130	ng/uL	97
5) Pyridine	3.840	79	931149	20.118	ng/ul	98
6) Benzaldehyde	7.146	77	672327	24.740	ng/ul	99
8) Phenol	7.187	94	1141501	19.559	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	952038	19.909	ng/ul	98
12) 2-Chlorophenol	7.575	128	935884	20.286	ng/ul	99
13) 2-Methylphenol	8.452	108	867913	19.134	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1331650	19.307	ng/ul	99
16) Acetophenone	8.840	105	1402577	19.733	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	678755	19.385	ng/ul	99
18) 4-Methylphenol	8.781	108	952280	19.063	ng/ul	97
19) Hexachloroethane	9.105	117	367186	20.755	ng/ul	94
22) Nitrobenzene	9.222	77	994012	22.328	ng/ul	99
23) Isophorone	9.752	82	1882601	19.182	ng/ul	100
25) 2-Nitrophenol	9.934	139	511836	23.659	ng/ul	98
26) 2,4-Dimethylphenol	9.993	107	995066	20.699	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.234	93	1229888	20.440	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	907830	20.839	ng/ul	99
30) Naphthalene	10.881	128	3015546	20.766	ng/ul	99
32) 4-Chloroaniline	10.987	127	1172551	19.826	ng/ul	100
33) Hexachlorobutadiene	11.163	225	627000	21.608	ng/ul	99
34) Caprolactam	11.757	113	198032	14.803	ng/ul	86
35) 4-Chloro-3-methylphenol	12.099	107	834953	18.927	ng/ul	97
36) 2-Methylnaphthalene	12.481	142	2008353	20.083	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	2010540	20.061	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.846	216	1159234	23.028	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	588847	24.276	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	687613	21.830	ng/ul	99
42) 2,4,5-Trichlorophenol	13.146	196	721713	21.314	ng/ul	99
43) 1,1'-Biphenyl	13.487	154	2539597	22.083	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	2032331	22.090	ng/ul	100
45) 2-Nitroaniline	13.728	65	423312	23.517	ng/ul	98
47) Dimethylphthalate	14.098	163	2180757	19.145	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	389598	21.856	ng/ul	97
50) Acenaphthylene	14.369	152	2941264	21.216	ng/ul	100
51) 3-Nitroaniline	14.551	138	389460	18.865	ng/ul	95
52) Acenaphthene	14.710	153	2039542	20.896	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	177966	15.536	ng/ul	94
55) 4-Nitrophenol	14.845	109	227257	16.146	ng/ul	96
56) Dibenzofuran	15.045	168	2738030	20.352	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	505089	19.201	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	548546	18.795	ng/ul	99
59) Diethylphthalate	15.463	149	1931640	17.519	ng/ul	100
61) Fluorene	15.698	166	2132031	19.761	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	1120833	20.023	ng/ul	99
63) 4-Nitroaniline	15.710	138	326201	18.539	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	276052	20.618	ng/ul	100
67) N-Nitrosodiphenylamine	15.904	169	1713904	23.107	ng/ul	100
68) 4-Bromophenyl-phenylether	16.587	248	615628	23.967	ng/ul	98
69) Hexachlorobenzene	16.704	284	722274	22.062	ng/ul	97
70) Atrazine	16.857	200	487767	19.167	ng/ul	99
71) Pentachlorophenol	17.045	266	379726	18.887	ng/ul	99
72) Phenanthrene	17.445	178	2931873	21.078	ng/ul	100
74) Anthracene	17.539	178	2931057	21.300	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1134011	28.106	ng/uL	99
76) Pentachlorobenzene	14.963	250	1075518	25.643	ng/uL	99
77) Carbazole	17.804	167	2368493	20.346	ng/ul	99
78) Di-n-butylphthalate	18.351	149	2373045	17.220	ng/ul	100
80) Fluoranthene	19.404	202	2860075	18.293	ng/ul	98
82) Pyrene	19.757	202	3009516	18.611	ng/ul	98
83) Butylbenzylphthalate	20.622	149	763299	20.171	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	832488	20.955	ng/ul	99
85) Benzo(a)anthracene	21.469	228	2841542	18.991	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1084859	18.746	ng/ul	98
87) Chrysene	21.527	228	2727126	18.851	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	1817439	13.483	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3015122	17.250	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	3073486	17.616	ng/ul	100
93) Benzo(a)pyrene	23.886	252	2786358	19.386	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.633	276	3573233	25.769	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	3201757	25.446	ng/ul	99
96) Benzo(g,h,i)perylene	27.439	276	3213594	26.944	ng/ul	99

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

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