Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120222\
Data File : BP012929.D
Acq On : 02 Dec 2022 08:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 02 10:36:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 23:46:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	282628	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1476503	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	1143297	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2704030	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	3121002	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	3394346	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	51437	8.099	ng/uL	0.00
4) Pyridine-d5	3.817	84	437586	21.349	ng/ul	0.00
7) Phenol-d5	7.158	99	551060	21.113	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	332602	22.508	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	408223	21.340	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	463495	21.627	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	214015	20.383	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	240623	20.025	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	497570	20.684	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	734857	21.621	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	1711433	20.755	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	1900675	20.876	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	347025	20.575	ng/ul	0.00
60) Fluorene-d10	15.634	176	1524677	21.036	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	298299	18.803	ng/ul	0.00
73) Anthracene-d10	17.492	188	2527277	21.145	ng/ul	0.00
81) Pyrene-d10	19.722	212	3098575	20.198	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	3446967	20.784	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	55678	8.229	ng/uL	96
5) Pyridine	3.834	79	428629	21.466	ng/ul	93
6) Benzaldehyde	7.140	77	295504	23.042	ng/ul	97
8) Phenol	7.187	94	587760	21.690	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	459856	21.999	ng/ul	97
12) 2-Chlorophenol	7.563	128	445148	21.744	ng/ul	98
13) 2-Methylphenol	8.446	108	456448	21.543	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	663411	22.650	ng/ul	99
16) Acetophenone	8.834	105	775393	23.359	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	393377	23.312	ng/ul	98
18) 4-Methylphenol	8.775	108	526985	22.273	ng/ul	98
19) Hexachloroethane	9.099	117	162014	21.430	ng/ul	98
22) Nitrobenzene	9.216	77	542527	21.421	ng/ul	99
23) Isophorone	9.746	82	1157579	21.395	ng/ul	99
25) 2-Nitrophenol	9.928	139	283282	20.956	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	575155	21.665	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.222	93	696579	21.261	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	515722	21.082	ng/ul	99
30) Naphthalene	10.869	128	1640460	21.059	ng/ul	99
32) 4-Chloroaniline	10.981	127	763649	21.844	ng/ul	99
33) Hexachlorobutadiene	11.157	225	315343	20.467	ng/ul	98
34) Caprolactam	11.752	113	184973m	20.163	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	580502	21.469	ng/ul	98
36) 2-Methylnaphthalene	12.475	142	1213071	21.478	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	1228672	21.603	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	708224	20.405	ng/ul	98
40) Hexachlorocyclopentadiene	12.816	237	321338	18.182	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	476142	20.017	ng/ul	100
42) 2,4,5-Trichlorophenol	13.140	196	527291	20.609	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	1663410	20.613	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1340169	20.749	ng/ul	98
45) 2-Nitroaniline	13.722	65	364849	20.987	ng/ul	97
47) Dimethylphthalate	14.093	163	1811209	21.026	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	331105	20.603	ng/ul	99
50) Acenaphthylene	14.363	152	2102756	21.077	ng/ul	100
51) 3-Nitroaniline	14.540	138	353521	19.794	ng/ul	99
52) Acenaphthene	14.704	153	1482711	20.973	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	202781	17.635	ng/ul	100
55) 4-Nitrophenol	14.840	109	261166	22.108	ng/ul	98
56) Dibenzofuran	15.040	168	2121248	21.186	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	504100	20.956	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	502905	20.873	ng/ul	100
59) Diethylphthalate	15.457	149	1793472	20.890	ng/ul	100
61) Fluorene	15.687	166	1785648	21.574	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.681	204	911997	21.331	ng/ul	98
63) 4-Nitroaniline	15.704	138	352851	20.802	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	324800	19.320	ng/ul#	92
67) N-Nitrosodiphenylamine	15.892	169	1552030	20.997	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	557630	20.833	ng/ul	99
69) Hexachlorobenzene	16.698	284	697653	20.864	ng/ul	98
70) Atrazine	16.851	200	551858	20.118	ng/ul	98
71) Pentachlorophenol	17.039	266	430764	19.892	ng/ul	99
72) Phenanthrene	17.439	178	3026428	21.217	ng/ul	99
74) Anthracene	17.528	178	3067709	21.463	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.440	216	729418	20.249	ng/uL	99
76) Pentachlorobenzene	14.957	250	832079	20.749	ng/uL	98
77) Carbazole	17.798	167	2821303	22.694	ng/ul	99
78) Di-n-butylphthalate	18.339	149	3187665	18.837	ng/ul	100
80) Fluoranthene	19.398	202	3760295	20.679	ng/ul	99
82) Pyrene	19.751	202	3960707	20.937	ng/ul	99
83) Butylbenzylphthalate	20.616	149	1478190	19.388	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	1344929	19.727	ng/ul	100
85) Benzo(a)anthracene	21.463	228	4137428	21.000	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	2184646	19.649	ng/ul	99
87) Chrysene	21.522	228	3884674	21.015	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	3750840	21.653	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	4496226	20.819	ng/ul	100
91) Benzo(k)fluoranthene	23.269	252	4319151	21.090	ng/ul	99
93) Benzo(a)pyrene	23.874	252	3974448	20.843	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.610	276	4926751	21.113	ng/ul	98
95) Dibenzo(a,h)anthracene	26.633	278	4423830	21.173	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	4290568	21.181	ng/ul	99

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

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