Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011924\
Data File : BP019405.D
Acq On : 19 Jan 2024 17:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020754

Quant Time: Jan 19 17:58:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	127158	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.563	136	492504	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.416	164	371163	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.180	188	893136	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	823110	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	797499	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	25170	7.485	ng/uL	-0.01
4) Pyridine-d5	3.628	84	176994	18.202	ng/ul	-0.01
7) Phenol-d5	6.957	99	210303	17.304	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.110	67	133072	18.306	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.305	132	152659	18.286	ng/ul	-0.01
15) 4-Methylphenol-d8	8.499	113	159563	16.549	ng/ul	-0.02
21) Nitrobenzene-d5	8.934	128	73876	17.830	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.657	143	89783	18.649	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.198	165	177487	18.248	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	210635	17.144	ng/ul	-0.01
46) Dimethylphthalate-d6	13.839	166	580954	17.717	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	614077	17.470	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.663	143	77088	15.309	ng/ul	0.00
60) Fluorene-d10	15.416	176	495107	18.442	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	109487	16.604	ng/ul	0.00
73) Anthracene-d10	17.280	188	793734	17.819	ng/ul	0.00
81) Pyrene-d10	19.527	212	954599	17.786	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	779745	17.981	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	26528	7.616	ng/uL	97
5) Pyridine	3.646	79	178997	18.121	ng/ul	93
6) Benzaldehyde	6.916	77	124871	23.568	ng/ul	97
8) Phenol	6.981	94	213440	17.432	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.199	93	173403	17.656	ng/ul	99
12) 2-Chlorophenol	7.334	128	158527	18.372	ng/ul	98
13) 2-Methylphenol	8.228	108	152271	16.581	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.293	45	204688	17.515	ng/ul	98
16) Acetophenone	8.599	105	268476	17.481	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	146003	18.245	ng/ul	97
18) 4-Methylphenol	8.563	108	163369	16.710	ng/ul	94
19) Hexachloroethane	8.834	117	67429	17.300	ng/ul	97
22) Nitrobenzene	8.975	77	217773	18.788	ng/ul	99
23) Isophorone	9.504	82	408625	18.185	ng/ul	100
25) 2-Nitrophenol	9.687	139	91324	18.059	ng/ul	92
26) 2,4-Dimethylphenol	9.757	107	197809	18.141	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.987	93	230556	17.839	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	171492	18.296	ng/ul	98
30) Naphthalene	10.610	128	501896	18.085	ng/ul	100
32) 4-Chloroaniline	10.740	127	207946	17.300	ng/ul	100
33) Hexachlorobutadiene	10.887	225	150968	18.668	ng/ul	98
34) Caprolactam	11.534	113	50734	17.259	ng/ul	95
35) 4-Chloro-3-methylphenol	11.881	107	196161	18.850	ng/ul	97
36) 2-Methylnaphthalene	12.228	142	369152	18.282	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	363312	18.390	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	280456	17.437	ng/ul	97
40) Hexachlorocyclopentadiene	12.569	237	166188	16.099	ng/ul	97
41) 2,4,6-Trichlorophenol	12.851	196	173356	17.514	ng/ul	98
42) 2,4,5-Trichlorophenol	12.934	196	185274	17.467	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	529331	17.264	ng/ul	100
44) 2-Chloronaphthalene	13.292	162	431062	17.384	ng/ul	99
45) 2-Nitroaniline	13.516	65	132510	18.631	ng/ul	97
47) Dimethylphthalate	13.887	163	579411	17.779	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	120400	18.683	ng/ul	100
50) Acenaphthylene	14.139	152	672948	17.479	ng/ul	99
51) 3-Nitroaniline	14.345	138	95717	17.028	ng/ul	99
52) Acenaphthene	14.481	153	448418	17.776	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	59486	14.078	ng/ul	92
55) 4-Nitrophenol	14.675	109	86014	15.818	ng/ul	93
56) Dibenzofuran	14.822	168	662796	18.352	ng/ul	98
57) 2,4-Dinitrotoluene	14.810	165	173364	19.173	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.051	232	180202	19.136	ng/ul	97
59) Diethylphthalate	15.251	149	565922	18.557	ng/ul	99
61) Fluorene	15.469	166	547467	18.507	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	328536	18.610	ng/ul	99
63) 4-Nitroaniline	15.516	138	76331	17.516	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.575	198	116789	16.711	ng/ul#	95
67) N-Nitrosodiphenylamine	15.686	169	467896	17.771	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	220251	18.054	ng/ul	96
69) Hexachlorobenzene	16.475	284	253530	18.033	ng/ul	99
70) Atrazine	16.651	200	199810	17.410	ng/ul	98
71) Pentachlorophenol	16.833	266	150305	17.213	ng/ul	99
72) Phenanthrene	17.222	178	887023	17.681	ng/ul	100
74) Anthracene	17.310	178	909452	17.882	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	276139	16.698	ng/uL	99
76) Pentachlorobenzene	14.734	250	287454	17.894	ng/uL	99
77) Carbazole	17.598	167	747595	17.278	ng/ul	99
78) Di-n-butylphthalate	18.145	149	928904	17.939	ng/ul	99
80) Fluoranthene	19.198	202	1113505	17.552	ng/ul	100
82) Pyrene	19.557	202	1135482	17.634	ng/ul	98
83) Butylbenzylphthalate	20.433	149	390421	17.673	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.210	252	328597	17.582	ng/ul	97
85) Benzo(a)anthracene	21.268	228	1128602	17.614	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	555753	17.526	ng/ul	99
87) Chrysene	21.321	228	1013322	17.301	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	882794	16.218	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1025798	17.999	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	955118	17.275	ng/ul	100
93) Benzo(a)pyrene	23.539	252	900386	17.582	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.086	276	1030958	17.022	ng/ul	98
95) Dibenzo(a,h)anthracene	26.098	278	856362	17.080	ng/ul	98
96) Benzo(g,h,i)perylene	26.833	276	825653	16.975	ng/ul	99

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

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