Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019033.D
Acq On : 22 Dec 2023 10:53
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020742

Quant Time: Dec 22 22:37:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	160616	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	624177	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	411135	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	952882	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1038023	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1217992	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	35478	7.527	ng/uL	0.00
4) Pyridine-d5	3.670	84	255489	20.237	ng/ul	0.00
7) Phenol-d5	6.993	99	312683	19.399	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	174789	18.296	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	244743	19.459	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	249380	19.118	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	118136	21.265	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	131950	22.909	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	263165	22.345	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	316122	20.539	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	750621	20.456	ng/ul	0.00
49) Acenaphthylene-d8	14.146	160	844646	20.904	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	135359	22.473	ng/ul	0.00
60) Fluorene-d10	15.445	176	654995	21.265	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	129135	22.602	ng/ul	0.00
73) Anthracene-d10	17.304	188	1054261	21.045	ng/ul	0.00
81) Pyrene-d10	19.545	212	1336946	16.546	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	1449510	20.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	39285	7.601	ng/uL	92
5) Pyridine	3.687	79	248720	19.509	ng/ul	98
6) Benzaldehyde	6.964	77	167197	20.091	ng/ul	95
8) Phenol	7.022	94	307052	19.425	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.252	93	244697	18.850	ng/ul	99
12) 2-Chlorophenol	7.381	128	246739	19.384	ng/ul	96
13) 2-Methylphenol	8.269	108	230894	19.080	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.346	45	281788	17.108	ng/ul	97
16) Acetophenone	8.646	105	364165	18.733	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.634	70	172678	16.146	ng/ul	97
18) 4-Methylphenol	8.599	108	249628	18.891	ng/ul	98
19) Hexachloroethane	8.893	117	102515	19.645	ng/ul	82
22) Nitrobenzene	9.022	77	273365	20.239	ng/ul	96
23) Isophorone	9.552	82	500636	18.179	ng/ul	97
25) 2-Nitrophenol	9.734	139	138837	22.513	ng/ul	97
26) 2,4-Dimethylphenol	9.799	107	233074	19.325	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.034	93	322745	18.563	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	250909	22.118	ng/ul	98
30) Naphthalene	10.663	128	767678	20.274	ng/ul	100
32) 4-Chloroaniline	10.781	127	301133	20.528	ng/ul	100
33) Hexachlorobutadiene	10.946	225	185389	24.402	ng/ul	99
34) Caprolactam	11.569	113	81853	23.532	ng/ul	88
35) 4-Chloro-3-methylphenol	11.916	107	254494	20.026	ng/ul	100
36) 2-Methylnaphthalene	12.275	142	535399	19.959	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	537153	19.828	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.646	216	346392	23.222	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	177720	20.101	ng/ul	98
41) 2,4,6-Trichlorophenol	12.887	196	214917	22.397	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	238542	22.930	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	716166	20.141	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	586753	20.893	ng/ul	99
45) 2-Nitroaniline	13.540	65	151937	19.957	ng/ul	97
47) Dimethylphthalate	13.916	163	733202	20.299	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	149143	21.855	ng/ul	93
50) Acenaphthylene	14.175	152	925989	20.384	ng/ul	99
51) 3-Nitroaniline	14.369	138	148585	21.812	ng/ul	100
52) Acenaphthene	14.516	153	617062	20.544	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	86052	23.793	ng/ul	92
55) 4-Nitrophenol	14.681	109	108724	23.892	ng/ul	86
56) Dibenzofuran	14.851	168	887649	21.263	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	219257	22.841	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.081	232	207794	23.813	ng/ul#	92
59) Diethylphthalate	15.281	149	721927	20.425	ng/ul	100
61) Fluorene	15.504	166	716843	21.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	388764	22.440	ng/ul	95
63) 4-Nitroaniline	15.534	138	149457	23.030	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.592	198	138549	22.681	ng/ul#	88
67) N-Nitrosodiphenylamine	15.716	169	610595	19.338	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	257837	21.433	ng/ul	95
69) Hexachlorobenzene	16.504	284	308785	22.990	ng/ul	96
70) Atrazine	16.675	200	177100	18.865	ng/ul	99
71) Pentachlorophenol	16.857	266	189418	23.713	ng/ul	98
72) Phenanthrene	17.245	178	1188281	20.648	ng/ul	100
74) Anthracene	17.339	178	1194803	20.712	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	346933	21.057	ng/uL	97
76) Pentachlorobenzene	14.769	250	349745	21.610	ng/uL	98
77) Carbazole	17.616	167	1074900	23.380	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1273964	20.810	ng/ul	100
80) Fluoranthene	19.222	202	1520996	15.925	ng/ul#	94
82) Pyrene	19.575	202	1574786	16.344	ng/ul#	92
83) Butylbenzylphthalate	20.451	149	608995	17.265	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.222	252	562270	22.290	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1692200	20.084	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	911197	18.794	ng/ul	99
87) Chrysene	21.333	228	1571005	20.248	ng/ul	99
89) Di-n-octyl phthalate	22.122	149	1590656	17.887	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1789291	19.925	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	1674320	19.269	ng/ul#	98
93) Benzo(a)pyrene	23.551	252	1633834	19.911	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.110	276	2072488	21.139	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.127	278	1732323	21.241	ng/ul#	96
96) Benzo(g,h,i)perylene	26.862	276	1679835	21.291	ng/ul#	94

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

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