Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007532.D
Acq On : 20 Oct 2021 16:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020707

Quant Time: Oct 20 17:36:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	186306	20.00	ng/ul	0.00
20) Naphthalene-d8	10.757	136	751888	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	473686	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.340	188	1016636	20.00	ng/ul	0.00
79) Chrysene-d12	21.428	240	1053226	20.00	ng/ul	0.00
88) Perylene-d12	23.874	264	1120578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	30856	6.54	ng/uL	0.00
4) Pyridine-d5	3.793	84	239295	18.53	ng/ul	0.00
7) Phenol-d5	7.111	99	275252	18.92	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	156078	17.99	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	221086	19.32	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	215688	19.25	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	100424	21.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	103319	23.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	221717	20.45	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	285924	19.50	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	608548	18.57	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	784100	19.04	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	108864	20.70	ng/ul	0.00
60) Fluorene-d10	15.581	176	528922	19.29	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	76453	18.77	ng/ul	0.00
73) Anthracene-d10	17.439	188	832757	19.29	ng/ul	0.00
81) Pyrene-d10	19.669	212	972015	18.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	1059779	19.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	36175	7.05	ng/uL	85
5) Pyridine	3.817	79	237421	19.01	ng/ul	98
6) Benzaldehyde	7.087	77	180529	22.08	ng/ul	97
8) Phenol	7.140	94	278347	18.71	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	223177	18.59	ng/ul	98
12) 2-Chlorophenol	7.516	128	225426	19.18	ng/ul	97
13) 2-Methylphenol	8.393	108	211335	18.86	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.493	45	258610	16.90	ng/ul	96
16) Acetophenone	8.775	105	332052	19.37	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.763	70	161595	18.22	ng/ul	93
18) 4-Methylphenol	8.722	108	229659	19.24	ng/ul	97
19) Hexachloroethane	9.040	117	90045	18.30	ng/ul	89
22) Nitrobenzene	9.152	77	241779	19.79	ng/ul	97
23) Isophorone	9.687	82	455900	17.83	ng/ul	98
25) 2-Nitrophenol	9.863	139	113644	22.06	ng/ul	97
26) 2,4-Dimethylphenol	9.928	107	253964	19.31	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	288647	18.21	ng/ul	99
29) 2,4-Dichlorophenol	10.405	162	216197	20.29	ng/ul	95
30) Naphthalene	10.810	128	695971	19.03	ng/ul	99
32) 4-Chloroaniline	10.910	127	295480	19.92	ng/ul	98
33) Hexachlorobutadiene	11.105	225	150057	20.06	ng/ul	98
34) Caprolactam	11.675	113	67309	24.08	ng/ul	92
35) 4-Chloro-3-methylphenol	12.034	107	225569	19.49	ng/ul	97
36) 2-Methylnaphthalene	12.416	142	469807	18.80	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	480836	19.01	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	273053	19.94	ng/ul	99
40) Hexachlorocyclopentadiene	12.775	237	132432	15.34	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	170795	21.21	ng/ul	98
42) 2,4,5-Trichlorophenol	13.093	196	186364	22.23	ng/ul	97
43) 1,1'-Biphenyl	13.422	154	636573	18.85	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	496480	19.09	ng/ul	99
45) 2-Nitroaniline	13.657	65	128233	21.21	ng/ul	96
47) Dimethylphthalate	14.046	163	606170	18.62	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	114145	21.15	ng/ul	94
50) Acenaphthylene	14.310	152	790084	19.03	ng/ul	99
51) 3-Nitroaniline	14.481	138	127579	21.21	ng/ul	98
52) Acenaphthene	14.651	153	508730	18.92	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	47486	19.04	ng/ul	96
55) 4-Nitrophenol	14.787	109	95868	20.18	ng/ul	94
56) Dibenzofuran	14.987	168	748733	19.18	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	164758	21.73	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.210	232	152557	21.93	ng/ul	97
59) Diethylphthalate	15.410	149	600969	18.52	ng/ul	99
61) Fluorene	15.634	166	580645	19.63	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	299199	19.86	ng/ul	99
63) 4-Nitroaniline	15.645	138	130297	24.44	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	78469	18.62	ng/ul	99
67) N-Nitrosodiphenylamine	15.845	169	518241	18.93	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	187579	20.48	ng/ul	98
69) Hexachlorobenzene	16.645	284	217825	19.77	ng/ul	97
70) Atrazine	16.798	200	197654	19.08	ng/ul	96
71) Pentachlorophenol	16.992	266	130769	21.44	ng/ul	97
72) Phenanthrene	17.381	178	970246	19.09	ng/ul	100
74) Anthracene	17.475	178	976427	19.21	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.393	216	285070	19.33	ng/uL	98
76) Pentachlorobenzene	14.910	250	271393	19.74	ng/uL	99
77) Carbazole	17.739	167	899874	20.15	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1030221	18.78	ng/ul	99
80) Fluoranthene	19.345	202	1206219	18.46	ng/ul	99
82) Pyrene	19.698	202	1221750	18.55	ng/ul	99
83) Butylbenzylphthalate	20.575	149	481484	19.91	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	391566	19.54	ng/ul	98
85) Benzo(a)anthracene	21.410	228	1218958	18.84	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	712226	19.26	ng/ul	100
87) Chrysene	21.463	228	1172959	18.71	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	1216894	19.25	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1265146	18.55	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	1192518	18.75	ng/ul	100
93) Benzo(a)pyrene	23.769	252	1224667	18.77	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	1426649	18.88	ng/ul	100
95) Dibenzo(a,h)anthracene	26.457	278	1210548	18.81	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	1217185	18.70	ng/ul	97

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

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