Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007413.D
Acq On : 14 Oct 2021 12:30
Operator : CG/JU
Sample : SSTD16027
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD160627

Quant Time: Oct 14 12:55:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 12:26:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	223262	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	893555	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	539400	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	1122914	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	977275	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	1182065	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	345683	61.616	ng/uL	0.00
4) Pyridine-d5	3.799	84	2240672	153.261	ng/ul	0.00
7) Phenol-d5	7.134	99	2675216	163.031	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.299	67	1510034	160.230	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	2096530	158.264	ng/ul	0.01
15) 4-Methylphenol-d8	8.687	113	2035957	157.999	ng/ul	0.02
21) Nitrobenzene-d5	9.134	128	977118	180.535	ng/ul	0.01
24) 2-Nitrophenol-d4	9.857	143	1063979	199.676	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	1948171	155.055	ng/ul	0.01
31) 4-Chloroaniline-d4	10.910	131	2506289	144.245	ng/ul	0.01
46) Dimethylphthalate-d6	14.022	166	5040775	144.287	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	6117244	138.254	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	983054	161.971	ng/ul	0.03
60) Fluorene-d10	15.598	176	3989416	129.387	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	871253	175.391	ng/ul	0.02
73) Anthracene-d10	17.463	188	5999921	129.061	ng/ul	0.00
81) Pyrene-d10	19.686	212	6696670	146.317	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	8252995	144.724	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	376183	60.257	ng/uL	93
5) Pyridine	3.846	79	1114935	76.023	ng/ul	93
6) Benzaldehyde	7.099	77	773555	73.980	ng/ul	100
8) Phenol	7.163	94	2637097	155.467	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.393	93	2085047	153.536	ng/ul	99
12) 2-Chlorophenol	7.534	128	2070293	152.333	ng/ul	99
13) 2-Methylphenol	8.410	108	1992338	154.667	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.510	45	2596948	165.561	ng/ul	99
16) Acetophenone	8.799	105	2787345	141.049	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.810	70	1358098	147.500	ng/ul	98
18) 4-Methylphenol	8.757	108	2094434	151.597	ng/ul	99
19) Hexachloroethane	9.057	117	863095	155.954	ng/ul	97
22) Nitrobenzene	9.175	77	2277397	173.885	ng/ul	98
23) Isophorone	9.722	82	4356935	167.496	ng/ul	97
25) 2-Nitrophenol	9.887	139	1113989	187.044	ng/ul#	94
26) 2,4-Dimethylphenol	9.951	107	2245180	155.601	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	2611335	151.654	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	1841252	147.974	ng/ul	98
30) Naphthalene	10.828	128	5805175	133.933	ng/ul	99
32) 4-Chloroaniline	10.940	127	2470971	139.626	ng/ul	100
33) Hexachlorobutadiene	11.128	225	1292526	150.577	ng/ul	99
34) Caprolactam	11.740	113	301222	81.217	ng/ul	97
35) 4-Chloro-3-methylphenol	12.069	107	2027026	160.614	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.434	142	3876686	133.401	ng/ul	100
37) 1-Methylnaphthalene	12.657	142	3860980	130.244	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	2076061	134.412	ng/ul	100
40) Hexachlorocyclopentadiene	12.792	237	1515674	152.047	ng/ul	98
41) 2,4,6-Trichlorophenol	13.040	196	1421740	159.032	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	1502850	150.798	ng/ul	98
43) 1,1'-Biphenyl	13.445	154	4885230	130.076	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	3891432	134.393	ng/ul	98
45) 2-Nitroaniline	13.681	65	1274537	216.568	ng/ul	98
47) Dimethylphthalate	14.069	163	4874796	138.354	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	1107575	188.221	ng/ul	97
50) Acenaphthylene	14.328	152	5896091	128.430	ng/ul	99
51) 3-Nitroaniline	14.504	138	1010087	149.743	ng/ul#	99
52) Acenaphthene	14.669	153	3931356	129.324	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	637533	192.860	ng/ul	97
55) 4-Nitrophenol	14.828	109	891187	199.761	ng/ul	90
56) Dibenzofuran	15.004	168	5586669	127.354	ng/ul	94
57) 2,4-Dinitrotoluene	14.969	165	1559250	185.420	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.228	232	1287458	160.323	ng/ul	97
59) Diethylphthalate	15.439	149	4947525	144.216	ng/ul	99
61) Fluorene	15.657	166	3785396	108.266	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	2006069	112.547	ng/ul	96
63) 4-Nitroaniline	15.681	138	749164	111.242	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.739	198	859136	169.870	ng/ul#	97
67) N-Nitrosodiphenylamine	15.863	169	3842046	129.911	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	1433303	135.011	ng/ul	99
69) Hexachlorobenzene	16.663	284	1665541	135.298	ng/ul	100
70) Atrazine	16.828	200	1619771	144.624	ng/ul	99
71) Pentachlorophenol	17.004	266	1139024	161.538	ng/ul	99
72) Phenanthrene	17.404	178	6969178	124.588	ng/ul	98
74) Anthracene	17.498	178	6733703	121.109	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.404	216	2311771	146.887	ng/uL	99
76) Pentachlorobenzene	14.928	250	2066391	135.638	ng/uL	100
77) Carbazole	17.757	167	6448361	130.494	ng/ul	98
78) Di-n-butylphthalate	18.322	149	7734634	138.105	ng/ul	98
80) Fluoranthene	19.363	202	8183679	143.764	ng/ul	96
82) Pyrene	19.716	202	7776568	133.188	ng/ul	96
83) Butylbenzylphthalate	20.592	149	3592552	176.702	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	2310605	113.944	ng/ul	99
85) Benzo(a)anthracene	21.427	228	8096911	142.302	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.363	149	4597759	151.695	ng/ul#	99
87) Chrysene	21.486	228	7685166	136.487	ng/ul	97
89) Di-n-octyl phthalate	22.310	149	9261987	151.607	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	9627290	139.191	ng/ul	97
91) Benzo(k)fluoranthene	23.157	252	9627290	148.700	ng/ul	98
93) Benzo(a)pyrene	23.810	252	8961823	134.667	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	11374598	147.340	ng/ul	98
95) Dibenzo(a,h)anthracene	26.527	278	9179864	137.436	ng/ul	97
96) Benzo(g,h,i)perylene	27.298	276	10208203	154.182	ng/ul	96

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

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