Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007598.D
Acq On : 22 Oct 2021 20:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020713

Quant Time: Oct 23 00:07:17 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	7.946	152	249835	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	999069	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	638428	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1365752	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1419224	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	1531429	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	38589	6.100	ng/uL	0.00
4) Pyridine-d5	3.793	84	303087	17.504	ng/ul	0.00
7) Phenol-d5	7.111	99	365085	18.712	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	199403	17.135	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	296039	19.287	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	291656	19.407	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	135079	21.365	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	147417	24.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	307094	21.319	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	374367	19.219	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	798939	18.088	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1024495	18.456	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	145090	20.472	ng/ul	0.00
60) Fluorene-d10	15.575	176	693363	18.758	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	53672	9.808	ng/ul	0.00
73) Anthracene-d10	17.434	188	1080452	18.628	ng/ul	0.00
81) Pyrene-d10	19.669	212	1273036	17.943	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	1423443	18.680	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	43312	6.295	ng/uL	87
5) Pyridine	3.811	79	294166	17.565	ng/ul	100
6) Benzaldehyde	7.081	77	230047	20.985	ng/ul	97
8) Phenol	7.134	94	370160	18.556	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.364	93	281457	17.483	ng/ul	99
12) 2-Chlorophenol	7.511	128	297509	18.880	ng/ul	98
13) 2-Methylphenol	8.387	108	280496	18.667	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	321281	15.660	ng/ul	98
16) Acetophenone	8.769	105	424484	18.464	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.758	70	202661	17.039	ng/ul	95
18) 4-Methylphenol	8.716	108	305791	19.106	ng/ul	98
19) Hexachloroethane	9.034	117	114762	17.395	ng/ul	86
22) Nitrobenzene	9.146	77	314433	19.369	ng/ul	96
23) Isophorone	9.681	82	579212	17.044	ng/ul	96
25) 2-Nitrophenol	9.858	139	160998	23.519	ng/ul#	95
26) 2,4-Dimethylphenol	9.922	107	336290	19.240	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.163	93	370434	17.591	ng/ul	99
29) 2,4-Dichlorophenol	10.399	162	298527	21.085	ng/ul	97
30) Naphthalene	10.799	128	884437	18.203	ng/ul	99
32) 4-Chloroaniline	10.905	127	376319	19.092	ng/ul	100
33) Hexachlorobutadiene	11.099	225	204543	20.577	ng/ul	100
34) Caprolactam	11.675	113	87481	23.555	ng/ul	93
35) 4-Chloro-3-methylphenol	12.034	107	307041	19.963	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	612534	18.445	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	623383	18.544	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.781	216	372148	20.166	ng/ul#	98
40) Hexachlorocyclopentadiene	12.763	237	131662	11.315	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	239688	22.088	ng/ul	99
42) 2,4,5-Trichlorophenol	13.087	196	261921	23.184	ng/ul	96
43) 1,1'-Biphenyl	13.416	154	830079	18.242	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	645238	18.410	ng/ul	98
45) 2-Nitroaniline	13.657	65	175329	21.516	ng/ul	91
47) Dimethylphthalate	14.040	163	791622	18.044	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	159825	21.968	ng/ul	95
50) Acenaphthylene	14.304	152	1025135	18.317	ng/ul	100
51) 3-Nitroaniline	14.475	138	173402	21.391	ng/ul#	97
52) Acenaphthene	14.646	153	659497	18.198	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	25890	7.704	ng/ul#	91
55) 4-Nitrophenol	14.787	109	127011	19.837	ng/ul	94
56) Dibenzofuran	14.981	168	968872	18.412	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	227161	22.230	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.204	232	215831	23.022	ng/ul	99
59) Diethylphthalate	15.404	149	780497	17.842	ng/ul	98
61) Fluorene	15.634	166	757039	18.988	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	392746	19.347	ng/ul	98
63) 4-Nitroaniline	15.640	138	165437	23.021	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.704	198	55124	9.738	ng/ul#	94
67) N-Nitrosodiphenylamine	15.840	169	676129	18.388	ng/ul	98
68) 4-Bromophenyl-phenylether	16.522	248	253708	20.622	ng/ul	98
69) Hexachlorobenzene	16.640	284	292392	19.758	ng/ul	97
70) Atrazine	16.798	200	268996	19.324	ng/ul	99
71) Pentachlorophenol	16.987	266	181266	22.127	ng/ul	99
72) Phenanthrene	17.375	178	1244837	18.232	ng/ul	100
74) Anthracene	17.469	178	1252319	18.339	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	385552	19.463	ng/uL	99
76) Pentachlorobenzene	14.904	250	364475	19.738	ng/uL	99
77) Carbazole	17.734	167	1140648	19.016	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1374484	18.652	ng/ul	99
80) Fluoranthene	19.345	202	1573856	17.878	ng/ul	97
82) Pyrene	19.692	202	1580787	17.807	ng/ul	98
83) Butylbenzylphthalate	20.569	149	652282	20.013	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	473963	17.553	ng/ul	98
85) Benzo(a)anthracene	21.404	228	1618817	18.565	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	939547	18.855	ng/ul	99
87) Chrysene	21.457	228	1529680	18.109	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	1643392	19.018	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	1706841	18.312	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	1563451	17.989	ng/ul	98
93) Benzo(a)pyrene	23.757	252	1622053	18.193	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1926175	18.649	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	1644563	18.699	ng/ul	98
96) Benzo(g,h,i)perylene	27.210	276	1646546	18.510	ng/ul	96

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

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