Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011256.D
Acq On : 04 Aug 2022 10:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020728

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2022
Supervised By :Sohil Jodhani 08/10/2022

Quant Time: Aug 04 22:52:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 02 23:52:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	222418	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1015350	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	582390	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	1082041	20.000	ng/ul	0.00
79) Chrysene-d12	21.174	240	1111229	20.000	ng/ul	0.00
88) Perylene-d12	23.492	264	1115317	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	18213	6.621	ng/uL	0.00
4) Pyridine-d5	3.499	84	129584	17.464	ng/ul	0.00
7) Phenol-d5	6.781	99	387079	20.883	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	299498	22.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	322198	21.326	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	307711	20.176	ng/ul	0.00
21) Nitrobenzene-d5	8.763	128	165877	22.713	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	137005	20.013	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	279309	21.396	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	437602	21.668	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	812099	20.360	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1089919	21.718	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	128331	18.920	ng/ul	0.00
60) Fluorene-d10	15.275	176	752341	22.167	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	95111	18.930	ng/ul	0.00
73) Anthracene-d10	17.145	188	1104454	23.225	ng/ul	0.00
81) Pyrene-d10	19.404	212	1195561	21.279	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.339	264	1244340	22.389	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.123	88	16604	6.545	ng/uL	98
5) Pyridine	3.517	79	128586	17.114	ng/ul	96
6) Benzaldehyde	6.752	77	155552	17.167	ng/ul	96
8) Phenol	6.811	94	431303	21.700	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.040	93	361003	22.136	ng/ul	97
12) 2-Chlorophenol	7.163	128	352503	22.463	ng/ul	99
13) 2-Methylphenol	8.058	108	305906	20.342	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.146	45	613406m	22.072	ng/ul	
16) Acetophenone	8.428	105	618141	25.009	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	269807	22.433	ng/ul	100
18) 4-Methylphenol	8.387	108	354544	21.983	ng/ul	99
19) Hexachloroethane	8.669	117	186025	24.720	ng/ul	97
22) Nitrobenzene	8.805	77	472721	23.620	ng/ul	100
23) Isophorone	9.340	82	744807	20.914	ng/ul	99
25) 2-Nitrophenol	9.516	139	173783	21.937	ng/ul	97
26) 2,4-Dimethylphenol	9.587	107	383467	21.397	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	481112	21.458	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	310474	22.758	ng/ul	99
30) Naphthalene	10.446	128	1272944	23.748	ng/ul	99
32) 4-Chloroaniline	10.569	127	474034	23.175	ng/ul	98
33) Hexachlorobutadiene	10.722	225	211672	24.839	ng/ul	99
34) Caprolactam	11.369	113	65261m	16.150	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	328013	21.260	ng/ul	97
36) 2-Methylnaphthalene	12.069	142	763722	22.803	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	778849	23.149	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	366167	22.989	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	203897	20.261	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	193782	19.420	ng/ul	99
42) 2,4,5-Trichlorophenol	12.769	196	221920	20.725	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	1037764	22.326	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	779223	22.472	ng/ul	100
45) 2-Nitroaniline	13.363	65	149688	17.947	ng/ul	97
47) Dimethylphthalate	13.745	163	867978	21.570	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	135027	22.354	ng/ul	94
50) Acenaphthylene	13.993	152	1298152	22.892	ng/ul	100
51) 3-Nitroaniline	14.198	138	81878	12.290	ng/ul	98
52) Acenaphthene	14.340	153	835833	22.787	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	59026	16.456	ng/ul	92
55) 4-Nitrophenol	14.516	109	117475	19.191	ng/ul	98
56) Dibenzofuran	14.681	168	1178764	23.483	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	226866	23.849	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	163918	20.273	ng/ul	98
59) Diethylphthalate	15.122	149	839678	20.219	ng/ul	99
61) Fluorene	15.334	166	925842	23.149	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	421615	23.871	ng/ul	97
63) 4-Nitroaniline	15.375	138	72815m	13.062	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	102998	19.825	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	725402	22.936	ng/ul	98
68) 4-Bromophenyl-phenylether	16.239	248	220588	22.599	ng/ul	95
69) Hexachlorobenzene	16.339	284	266726	23.393	ng/ul	96
70) Atrazine	16.528	200	173824	18.373	ng/ul	99
71) Pentachlorophenol	16.692	266	134240	20.101	ng/ul	97
72) Phenanthrene	17.086	178	1389170	23.449	ng/ul	99
74) Anthracene	17.181	178	1398397	23.735	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	354335	21.399	ng/uL	99
76) Pentachlorobenzene	14.592	250	344949	24.437	ng/uL	98
77) Carbazole	17.463	167	1193783	22.592	ng/ul	100
78) Di-n-butylphthalate	18.033	149	1179251	17.991	ng/ul	98
80) Fluoranthene	19.080	202	1450082	21.103	ng/ul	99
82) Pyrene	19.433	202	1589809	22.172	ng/ul	100
83) Butylbenzylphthalate	20.333	149	389108	14.212	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.104	252	281970	15.514	ng/ul	99
85) Benzo(a)anthracene	21.157	228	1522453	21.921	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.104	149	688680	14.721	ng/ul	100
87) Chrysene	21.210	228	1512188	22.121	ng/ul	100
89) Di-n-octyl phthalate	22.004	149	1222136	16.071	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	1592444	22.411	ng/ul	99
91) Benzo(k)fluoranthene	22.833	252	1540376	23.107	ng/ul	99
93) Benzo(a)pyrene	23.392	252	1589264	22.977	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.886	276	1874739	22.711	ng/ul	98
95) Dibenzo(a,h)anthracene	25.904	278	1603508	22.907	ng/ul	99
96) Benzo(g,h,i)perylene	26.621	276	1587857	22.447	ng/ul	99

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

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