Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
Data File : BP010261.D
Acq On : 10 May 2022 12:06
Operator : CG/JU
Sample : SSTD02032
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020632

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
Supervised By :mohammad ahmed 05/12/2022

Quant Time: May 10 15:20:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 15:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	137475	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	619406	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.545	164	431191	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	968986	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	995143	20.000	ng/ul	# 0.00
88) Perylene-d12	23.815	264	989016	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	43713	13.866	ng/uL	0.00
4) Pyridine-d5	3.769	84	292804	33.015	ng/ul	0.00
7) Phenol-d5	7.075	99	418118	33.437	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	263465	35.113	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	319659	34.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	343797	33.184	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	168503	34.204	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	192684	35.813	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	350443	33.458	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	511466	34.056	ng/ul	-0.01
46) Dimethylphthalate-d6	13.951	166	1132611	33.767	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	1369503	33.736	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	212055	34.341	ng/ul	0.00
60) Fluorene-d10	15.533	176	952532	33.013	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.657	200	210499	34.356	ng/ul	0.00
73) Anthracene-d10	17.398	188	1548664	33.036	ng/ul	0.00
81) Pyrene-d10	19.627	212	1850952	32.706	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.662	264	1767016	34.080	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	44845	13.689	ng/uL#	21
5) Pyridine	3.787	79	309471	33.568	ng/ul#	36
6) Benzaldehyde	7.046	77	181097	27.100	ng/ul	94
8) Phenol	7.099	94	422657	33.639	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.328	93	332410	34.339	ng/ul#	75
12) 2-Chlorophenol	7.475	128	319068	34.157	ng/ul	93
13) 2-Methylphenol	8.351	108	323244	33.545	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	539398	37.553	ng/ul#	82
16) Acetophenone	8.734	105	543017	33.594	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.722	70	294499	34.774	ng/ul#	70
18) 4-Methylphenol	8.681	108	353226	33.293	ng/ul	90
19) Hexachloroethane	8.993	117	135322	34.476	ng/ul#	80
22) Nitrobenzene	9.110	77	418123	34.641	ng/ul#	83
23) Isophorone	9.640	82	825658	34.633	ng/ul#	98
25) 2-Nitrophenol	9.828	139	196509	34.485	ng/ul#	85
26) 2,4-Dimethylphenol	9.887	107	412482	33.434	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.122	93	481728	34.475	ng/ul#	97
29) 2,4-Dichlorophenol	10.363	162	335979	33.369	ng/ul#	85
30) Naphthalene	10.763	128	1076299	33.199	ng/ul	97
32) 4-Chloroaniline	10.869	127	502313	33.941	ng/ul	99
33) Hexachlorobutadiene	11.057	225	226002	31.671	ng/ul	95
34) Caprolactam	11.645	113	123686m	34.151	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	404515	33.258	ng/ul#	70
36) 2-Methylnaphthalene	12.369	142	769695	32.736	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	776999	32.547	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.739	216	435901	32.721	ng/ul	92
40) Hexachlorocyclopentadiene	12.722	237	239999	31.968	ng/ul	95
41) 2,4,6-Trichlorophenol	12.981	196	295578	34.292	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.051	196	320598	34.186	ng/ul#	88
43) 1,1'-Biphenyl	13.381	154	1068128	33.586	ng/ul	93
44) 2-Chloronaphthalene	13.422	162	819865	33.313	ng/ul	93
45) 2-Nitroaniline	13.622	65	291345	36.507	ng/ul#	80
47) Dimethylphthalate	13.998	163	1085650	33.304	ng/ul#	93
48) 2,6-Dinitrotoluene	14.116	165	234897	35.113	ng/ul	96
50) Acenaphthylene	14.263	152	1358554	33.786	ng/ul	95
51) 3-Nitroaniline	14.445	138	163219	26.933	ng/ul#	83
52) Acenaphthene	14.610	153	871858	33.345	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	141244	37.783	ng/ul#	77
55) 4-Nitrophenol	14.757	109	178669	33.304	ng/ul#	45
56) Dibenzofuran	14.939	168	1272973	32.879	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	334357	34.212	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.169	232	282529	33.891	ng/ul#	86
59) Diethylphthalate	15.363	149	1126216	33.966	ng/ul	93
61) Fluorene	15.592	166	1051226	33.070	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.586	204	546608	32.673	ng/ul	98
63) 4-Nitroaniline	15.610	138	147705	25.048	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.675	198	208327	35.242	ng/ul#	93
67) N-Nitrosodiphenylamine	15.798	169	924659	33.258	ng/ul	96
68) 4-Bromophenyl-phenylether	16.480	248	337881	32.691	ng/ul	96
69) Hexachlorobenzene	16.604	284	379689	31.649	ng/ul#	91
70) Atrazine	16.757	200	369193	32.662	ng/ul#	88
71) Pentachlorophenol	16.945	266	249804	32.696	ng/ul#	86
72) Phenanthrene	17.339	178	1723285	32.720	ng/ul	99
74) Anthracene	17.433	178	1749529	32.980	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	465222	32.887	ng/uL#	88
76) Pentachlorobenzene	14.869	250	439694	31.696	ng/uL	92
77) Carbazole	17.698	167	1566314	33.367	ng/ul#	96
78) Di-n-butylphthalate	18.251	149	1984480	34.362	ng/ul#	92
80) Fluoranthene	19.304	202	2126819	33.318	ng/ul	97
82) Pyrene	19.657	202	2166745	32.946	ng/ul	96
83) Butylbenzylphthalate	20.521	149	959691	35.302	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.292	252	648562	36.221	ng/ul#	98
85) Benzo(a)anthracene	21.363	228	2127469	33.687	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.286	149	1412001	35.045	ng/ul#	81
87) Chrysene	21.415	228	2060770	33.139	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	2401381	31.233	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	2205247	33.167	ng/ul	100
91) Benzo(k)fluoranthene	23.121	252	2075655	32.957	ng/ul#	98
93) Benzo(a)pyrene	23.709	252	2088570	33.969	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.368	276	2142500	35.029	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.380	278	1832587	35.015	ng/ul#	94
96) Benzo(g,h,i)perylene	27.145	276	1769633	34.289	ng/ul#	91

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

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