Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071922\
Data File : BP011047.D
Acq On : 19 Jul 2022 23:36
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020705

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/20/2022
Supervised By :mohammad ahmed 07/21/2022

Quant Time: Jul 20 00:12:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 03:25:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	478271	20.000	ng/ul		0.00
20) Naphthalene-d8	10.469	136	1989711	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.334	164	1120524	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.104	188	2238458	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.227	240	2188294	20.000	ng/ul	#	0.00
88) Perylene-d12	23.574	264	2257452	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.181	96	100960	7.610	ng/uL		0.00
4) Pyridine-d5	3.587	84	625540	18.242	ng/ul		0.00
7) Phenol-d5	6.852	99	674494	17.180	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	451397	17.881	ng/ul		0.00
11) 2-Chlorophenol-d4	7.210	132	569100	17.940	ng/ul		0.00
15) 4-Methylphenol-d8	8.393	113	543900	17.305	ng/ul		0.00
21) Nitrobenzene-d5	8.834	128	263205	18.152	ng/ul		0.00
24) 2-Nitrophenol-d4	9.557	143	252718	17.614	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.093	165	463331	17.658	ng/ul		0.00
31) 4-Chloroaniline-d4	10.616	131	744060	17.201	ng/ul		0.00
46) Dimethylphthalate-d6	13.757	166	1353795	17.677	ng/ul		0.00
49) Acenaphthylene-d8	14.028	160	1641704	18.169	ng/ul		0.00
54) 4-Nitrophenol-d4	14.551	143	258778	16.696	ng/ul		0.00
60) Fluorene-d10	15.333	176	1150866	17.679	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	173799	15.691	ng/ul		0.00
73) Anthracene-d10	17.204	188	1718491	18.059	ng/ul		0.00
81) Pyrene-d10	19.457	212	1995188	17.360	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.421	264	1922404	17.731	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	107668	7.735	ng/uL	#	86
5) Pyridine	3.605	79	647972	18.336	ng/ul	#	80
6) Benzaldehyde	6.822	77	416732	21.853	ng/ul		96
8) Phenol	6.881	94	731604	17.531	ng/ul	#	87
10) Bis(2-Chloroethyl)ether	7.110	93	587787	17.747	ng/ul		90
12) 2-Chlorophenol	7.240	128	592318	18.063	ng/ul		93
13) 2-Methylphenol	8.128	108	535519	17.353	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	818480	18.068	ng/ul	#	97
16) Acetophenone	8.504	105	843248	17.723	ng/ul	#	89
17) N-Nitroso-di-n-propyla...	8.493	70	425237	17.813	ng/ul		90
18) 4-Methylphenol	8.457	108	568937	17.267	ng/ul		100
19) Hexachloroethane	8.746	117	243890	18.794	ng/ul	#	78
22) Nitrobenzene	8.881	77	628638	18.435	ng/ul		93
23) Isophorone	9.410	82	1141026	17.879	ng/ul		97
25) 2-Nitrophenol	9.587	139	287653	17.861	ng/ul	#	82
26) 2,4-Dimethylphenol	9.657	107	615451	18.071	ng/ul		96
27) Bis(2-Chloroethoxy)met...	9.893	93	735353	17.411	ng/ul		98
29) 2,4-Dichlorophenol	10.116	162	480786	17.703	ng/ul		99
30) Naphthalene	10.516	128	1817452	17.925	ng/ul		99
32) 4-Chloroaniline	10.640	127	735850	17.198	ng/ul		99
33) Hexachlorobutadiene	10.804	225	284525	17.998	ng/ul		94
34) Caprolactam	11.428	113	217403	22.841	ng/ul		90
35) 4-Chloro-3-methylphenol	11.775	107	544292	17.734	ng/ul		97
36) 2-Methylnaphthalene	12.140	142	1155438	17.578	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1168335	17.732	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	521279	17.639	ng/ul#	97
40) Hexachlorocyclopentadiene	12.487	237	316728	17.303	ng/ul	98
41) 2,4,6-Trichlorophenol	12.757	196	337189	17.325	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	372524	17.910	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	1488614m	17.805	ng/ul	
44) 2-Chloronaphthalene	13.204	162	1121492	17.858	ng/ul	98
45) 2-Nitroaniline	13.416	65	329521	18.010	ng/ul	88
47) Dimethylphthalate	13.804	163	1364358	17.656	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	256846	18.359	ng/ul	96
50) Acenaphthylene	14.057	152	1836029	18.108	ng/ul	98
51) 3-Nitroaniline	14.251	138	282366	16.799	ng/ul	93
52) Acenaphthene	14.398	153	1191868	17.745	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	157755	19.273	ng/ul	86
55) 4-Nitrophenol	14.569	109	249164	20.997	ng/ul#	81
56) Dibenzofuran	14.739	168	1648747	17.789	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	377691	18.926	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.969	232	284992	17.496	ng/ul#	88
59) Diethylphthalate	15.181	149	1406753	17.726	ng/ul	98
61) Fluorene	15.392	166	1327160	17.843	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	599211	17.499	ng/ul	94
63) 4-Nitroaniline	15.422	138	295435	19.125	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.475	198	183762	16.172	ng/ul	100
67) N-Nitrosodiphenylamine	15.610	169	1135843	17.763	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	356341	17.651	ng/ul	92
69) Hexachlorobenzene	16.398	284	407525	17.393	ng/ul#	93
70) Atrazine	16.580	200	387841	17.534	ng/ul	96
71) Pentachlorophenol	16.751	266	270366	18.736	ng/ul	98
72) Phenanthrene	17.145	178	2083144	17.862	ng/ul	99
74) Anthracene	17.239	178	2091281	18.027	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	539600	16.839	ng/uL	98
76) Pentachlorobenzene	14.651	250	489819	17.437	ng/uL	99
77) Carbazole	17.516	167	1978308	18.221	ng/ul	99
78) Di-n-butylphthalate	18.086	149	2397061	17.662	ng/ul	99
80) Fluoranthene	19.133	202	2405706	17.897	ng/ul#	87
82) Pyrene	19.486	202	2486325	17.928	ng/ul#	82
83) Butylbenzylphthalate	20.380	149	1090701	17.629	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.151	252	720356	18.591	ng/ul#	97
85) Benzo(a)anthracene	21.210	228	2356806	17.685	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.151	149	1659717	17.980	ng/ul#	96
87) Chrysene	21.263	228	2293789	17.529	ng/ul	100
89) Di-n-octyl phthalate	22.063	149	2752972	18.184	ng/ul	100
90) Benzo(b)fluoranthene	22.857	252	2441888	17.519	ng/ul#	96
91) Benzo(k)fluoranthene	22.904	252	2373159	18.126	ng/ul#	94
93) Benzo(a)pyrene	23.468	252	2396969	17.906	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.003	276	2750266	17.679	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.033	278	2375025	17.643	ng/ul#	92
96) Benzo(g,h,i)perylene	26.751	276	2337645	17.643	ng/ul#	87

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

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