Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062422\
Data File : BP010811.D
Acq On : 25 Jun 2022 01:11
Operator : CG/JU
Sample : N3374-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 25 03:04:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EW4S6MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
06/27/2022
Supervised By :mohammad ahmed
06/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	351841	20.000	ng/ul	0.00
20) Naphthalene-d8	10.528	136	17506799m	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	706889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	1323828	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.257	240	1369087	20.000	ng/ul	# 0.00
88) Perylene-d12	23.627	264	1529567	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	51172	5.502	ng/uL	0.00
4) Pyridine-d5	3.652	84	281133m	11.355	ng/ul	0.05
7) Phenol-d5	6.905	99	254618	9.142	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	564500	30.991	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	706929	30.593	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	470359	21.363	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	357761	3.210	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	417657	4.530	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	657458	2.886	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	718247	1.931	ng/ul	0.06
46) Dimethylphthalate-d6	13.816	166	1594381	32.927	ng/ul	0.02
49) Acenaphthylene-d8	14.075	160	2056348	33.274	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	98293	12.996	ng/ul	0.02
60) Fluorene-d10	15.381	176	1414174	34.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	268061	61.118	ng/ul	0.00
73) Anthracene-d10	17.239	188	2111997	35.858	ng/ul	0.00
81) Pyrene-d10	19.492	212	2391102	32.057	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	2645376	34.999	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	93858	9.463	ng/uL#	74
5) Pyridine	3.664	79	335711m	13.386	ng/ul	
6) Benzaldehyde	6.869	77	530062	36.069	ng/ul	97
8) Phenol	6.934	94	9473595	318.026	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.157	93	734410	30.697	ng/ul	87
12) 2-Chlorophenol	7.287	128	702584	29.455	ng/ul	91
13) 2-Methylphenol	8.169	108	537403	24.232	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	913155	28.447	ng/ul#	96
16) Acetophenone	8.557	105	219371	6.488	ng/ul#	88
18) 4-Methylphenol	8.504	108	986962	42.735	ng/ul	100
19) Hexachloroethane	8.799	117	268441	27.789	ng/ul	86
22) Nitrobenzene	8.928	77	758526	2.727	ng/ul#	90
25) 2-Nitrophenol	9.634	139	452503	4.053	ng/ul#	78
26) 2,4-Dimethylphenol	9.710	107	4056130m	13.296	ng/ul	
27) Bis(2-Chloroethoxy)met...	9.957	93	909928	2.473	ng/ul#	94
29) 2,4-Dichlorophenol	10.169	162	638387	2.697	ng/ul	99
30) Naphthalene	10.575	128	2024964	2.219	ng/ul	99
32) 4-Chloroaniline	10.740	127	695595	1.888	ng/ul	98
33) Hexachlorobutadiene	10.863	225	312173	2.064	ng/ul	95
34) Caprolactam	11.510	113	373549	5.023	ng/ul#	19
35) 4-Chloro-3-methylphenol	11.969	107	38885702	151.557	ng/ul#	22
36) 2-Methylnaphthalene	12.198	142	1302494	2.204	ng/ul	98
37) 1-Methylnaphthalene	12.422	142	1335062	2.274	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	605265	29.796	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.545	237	310593	24.130	ng/ul	94
41) 2,4,6-Trichlorophenol	12.810	196	508079	43.383	ng/ul	97
42) 2,4,5-Trichlorophenol	12.881	196	539647	42.939	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	1664920	29.918	ng/ul	98
44) 2-Chloronaphthalene	13.251	162	720930	17.198	ng/ul#	1
45) 2-Nitroaniline	13.481	65	409766	46.071	ng/ul#	79
47) Dimethylphthalate	13.857	163	1574921	32.477	ng/ul	98
48) 2,6-Dinitrotoluene	13.969	165	342283	47.109	ng/ul	91
50) Acenaphthylene	14.104	152	2104094	31.087	ng/ul	99
51) 3-Nitroaniline	14.298	138	335051	38.464	ng/ul	84
52) Acenaphthene	14.445	153	1483049	33.959	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	159363	57.132	ng/ul#	87
55) 4-Nitrophenol	14.610	109	81960	13.628	ng/ul#	82
56) Dibenzofuran	14.787	168	1930407	32.270	ng/ul	95
57) 2,4-Dinitrotoluene	14.751	165	468295	48.235	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.010	232	380613	42.291	ng/ul#	91
59) Diethylphthalate	15.222	149	1666292	34.563	ng/ul	99
61) Fluorene	15.434	166	1564774	32.805	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.434	204	731358	32.753	ng/ul	96
63) 4-Nitroaniline	15.463	138	358125	44.467	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.510	198	260707	55.008	ng/ul#	88
67) N-Nitrosodiphenylamine	15.651	169	1359691	33.911	ng/ul	98
68) 4-Bromophenyl-phenylether	16.333	248	437681	32.989	ng/ul	96
69) Hexachlorobenzene	16.433	284	484664	31.539	ng/ul	95
70) Atrazine	16.639	200	271482	20.422	ng/ul	97
71) Pentachlorophenol	16.786	266	196928	24.888	ng/ul	96
72) Phenanthrene	17.186	178	2374016	33.675	ng/ul	99
74) Anthracene	17.275	178	2446899	34.510	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	639721	29.284	ng/uL	96
76) Pentachlorobenzene	14.698	250	582296	31.080	ng/uL	98
77) Carbazole	17.557	167	2567876	40.234	ng/ul	99
78) Di-n-butylphthalate	18.128	149	2826131	37.159	ng/ul	98
80) Fluoranthene	19.163	202	2731519	29.776	ng/ul#	88
82) Pyrene	19.522	202	2823109	30.473	ng/ul#	87
83) Butylbenzylphthalate	20.416	149	1396556	42.827	ng/ul	97
85) Benzo(a)anthracene	21.239	228	2855564	33.350	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.186	149	2025005	39.215	ng/ul#	97
87) Chrysene	21.292	228	2720359	33.154	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	3607017	39.729	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	3148227	33.098	ng/ul#	96
91) Benzo(k)fluoranthene	22.951	252	3060545	33.851	ng/ul#	95
93) Benzo(a)pyrene	23.521	252	2803932	30.303	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.092	276	3820533	34.218	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.121	278	3175500	33.157	ng/ul#	94
96) Benzo(g,h,i)perylene	26.845	276	3108257	32.727	ng/ul#	89

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

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