Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042722\
Data File : BP010122.D
Acq On : 27 Apr 2022 15:19
Operator : CG/JU
Sample : PB144346BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 28 03:25:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	189659	20.000	ng/ul		0.00
20) Naphthalene-d8	10.746	136	807117	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.575	164	517220	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.328	188	1048143	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.416	240	813456	20.000	ng/ul	#	0.00
88) Perylene-d12	23.874	264	600303	20.000	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.370	96	28260	6.498	ng/uL		0.00
4) Pyridine-d5	3.781	84	375171	30.663	ng/ul		0.00
7) Phenol-d5	7.105	99	556171	32.239	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	358005	34.585	ng/ul		0.00
11) 2-Chlorophenol-d4	7.469	132	455886	35.683	ng/ul		0.00
15) 4-Methylphenol-d8	8.652	113	469908	32.877	ng/ul		0.00
21) Nitrobenzene-d5	9.099	128	230819	35.957	ng/ul		0.00
24) 2-Nitrophenol-d4	9.828	143	256542	36.592	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.369	165	458494	33.593	ng/ul		0.00
31) 4-Chloroaniline-d4	10.881	131	540003	27.594	ng/ul		0.00
46) Dimethylphthalate-d6	13.981	166	1396302	34.705	ng/ul		0.00
49) Acenaphthylene-d8	14.269	160	1628055	33.434	ng/ul		0.00
54) 4-Nitrophenol-d4	14.769	143	231795	31.294	ng/ul		0.00
60) Fluorene-d10	15.569	176	1178208	34.043	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	223830	33.773	ng/ul		0.01
73) Anthracene-d10	17.428	188	1764948	34.806	ng/ul		0.00
81) Pyrene-d10	19.663	212	1987574	42.964	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.716	264	1199436	38.112	ng/ul		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	53743	11.891	ng/uL#		14
5) Pyridine	3.799	79	394945	31.053	ng/ul#		42
6) Benzaldehyde	7.075	77	382914	41.535	ng/ul		96
8) Phenol	7.128	94	569216	32.839	ng/ul#		94
10) Bis(2-Chloroethyl)ether	7.358	93	450417	33.727	ng/ul#		79
12) 2-Chlorophenol	7.505	128	443823	34.440	ng/ul		93
13) 2-Methylphenol	8.381	108	431922	32.490	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	661845	33.399	ng/ul#		86
16) Acetophenone	8.763	105	703674	31.555	ng/ul#		81
17) N-Nitroso-di-n-propyla...	8.757	70	374047	32.015	ng/ul#		75
18) 4-Methylphenol	8.716	108	470420	32.139	ng/ul		93
19) Hexachloroethane	9.022	117	186405	34.423	ng/ul#		80
22) Nitrobenzene	9.140	77	537143	34.152	ng/ul#		86
23) Isophorone	9.675	82	1033905	33.282	ng/ul#		96
25) 2-Nitrophenol	9.857	139	264100	35.568	ng/ul#		82
26) 2,4-Dimethylphenol	9.916	107	525878	32.712	ng/ul#		78
27) Bis(2-Chloroethoxy)met...	10.152	93	617432	33.910	ng/ul#		96
29) 2,4-Dichlorophenol	10.393	162	446437	34.028	ng/ul#		83
30) Naphthalene	10.799	128	1438679	34.057	ng/ul		97
32) 4-Chloroaniline	10.904	127	519506	26.939	ng/ul		98
33) Hexachlorobutadiene	11.093	225	314173	33.788	ng/ul		96
34) Caprolactam	11.681	113	148637m	31.495	ng/ul		
35) 4-Chloro-3-methylphenol	12.028	107	505950	31.923	ng/ul#		70
36) 2-Methylnaphthalene	12.404	142	991335	32.357	ng/ul		91

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37) 1-Methylnaphthalene	12.622	142	1011956	32.530	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.775	216	573612	35.896	ng/ul	93
40) Hexachlorocyclopentadiene	12.757	237	313752	34.840	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	368041	35.597	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.087	196	409914m	36.439	ng/ul	
43) 1,1'-Biphenyl	13.410	154	1341954	35.178	ng/ul	93
44) 2-Chloronaphthalene	13.451	162	1036840	35.122	ng/ul	94
45) 2-Nitroaniline	13.651	65	331473	34.627	ng/ul#	84
47) Dimethylphthalate	14.028	163	1320851	33.779	ng/ul#	92
48) 2,6-Dinitrotoluene	14.145	165	283823	35.369	ng/ul	92
50) Acenaphthylene	14.298	152	1666004	34.540	ng/ul	95
51) 3-Nitroaniline	14.475	138	247611	34.063	ng/ul#	81
52) Acenaphthene	14.640	153	1066784	34.014	ng/ul	97
53) 2,4-Dinitrophenol	14.687	184	130831	29.176	ng/ul#	80
55) 4-Nitrophenol	14.787	109	189831	29.499	ng/ul#	44
56) Dibenzofuran	14.975	168	1558190	33.551	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	399565	34.084	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.204	232	343720	34.374	ng/ul#	87
59) Diethylphthalate	15.398	149	1341737	33.735	ng/ul#	93
61) Fluorene	15.628	166	1261936	33.095	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.616	204	666118	33.194	ng/ul	97
63) 4-Nitroaniline	15.639	138	278964m	39.439	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	213128	33.331	ng/ul#	94
67) N-Nitrosodiphenylamine	15.834	169	1085168	36.083	ng/ul	94
68) 4-Bromophenyl-phenylether	16.516	248	410910	36.754	ng/ul	94
69) Hexachlorobenzene	16.639	284	465007	35.833	ng/ul#	90
70) Atrazine	16.792	200	439028	35.907	ng/ul#	89
71) Pentachlorophenol	16.981	266	286302	34.643	ng/ul#	84
72) Phenanthrene	17.375	178	1994281	35.006	ng/ul	100
74) Anthracene	17.469	178	1987393	34.635	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	585810	38.284	ng/uL#	87
76) Pentachlorobenzene	14.898	250	549682	36.633	ng/uL	90
77) Carbazole	17.733	167	1722129	33.916	ng/ul#	96
78) Di-n-butylphthalate	18.281	149	2287120	36.611	ng/ul#	93
80) Fluoranthene	19.339	202	2257322	43.260	ng/ul	96
82) Pyrene	19.692	202	2271487	42.253	ng/ul#	94
83) Butylbenzylphthalate	20.557	149	966166	43.478	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.327	252	565122	38.610	ng/ul#	96
85) Benzo(a)anthracene	21.398	228	1863098	36.090	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.322	149	1384506	42.037	ng/ul#	83
87) Chrysene	21.457	228	1784789	35.112	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	2138443	45.823	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1566178	38.808	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1410757	36.904	ng/ul#	98
93) Benzo(a)pyrene	23.768	252	1393105	37.329	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	1504710	40.531	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.462	278	1275413	40.149	ng/ul#	95
96) Benzo(g,h,i)perylene	27.233	276	1295804	41.366	ng/ul#	92

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

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