Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
Data File : BP010076.D
Acq On : 23 Apr 2022 03:17
Operator : CG/JU
Sample : PB144290BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS290

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 23 04:04:44 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	150132	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	716550	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	512702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	1118291	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	1017735	20.000	ng/ul	# 0.00
88) Perylene-d12	23.857	264	869454	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	18116	5.262	ng/uL	0.00
4) Pyridine-d5	3.781	84	279309	28.838	ng/ul	0.00
7) Phenol-d5	7.099	99	397334	29.096	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	248230	30.294	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	313487	30.997	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	344308	30.431	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	167952	29.470	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	182598	29.337	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	349112	28.812	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	440440	25.351	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1138682	28.551	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	1315217	27.248	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	177750	24.209	ng/ul	0.00
60) Fluorene-d10	15.563	176	991581	28.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	167174	23.642	ng/ul	0.00
73) Anthracene-d10	17.422	188	1570248	29.024	ng/ul	0.00
81) Pyrene-d10	19.651	212	1889522	32.646	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	1402145	30.761	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	38467	10.752	ng/uL#	17
5) Pyridine	3.799	79	306613	30.455	ng/ul#	40
6) Benzaldehyde	7.075	77	256594	35.161	ng/ul	96
8) Phenol	7.128	94	438176	31.934	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.358	93	332635	31.466	ng/ul#	80
12) 2-Chlorophenol	7.499	128	325730	31.931	ng/ul	93
13) 2-Methylphenol	8.381	108	327952	31.164	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.469	45	481744	30.711	ng/ul#	85
16) Acetophenone	8.757	105	545447	30.899	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.752	70	287849	31.123	ng/ul#	75
18) 4-Methylphenol	8.710	108	367645	31.730	ng/ul	92
19) Hexachloroethane	9.022	117	128741	30.034	ng/ul	85
22) Nitrobenzene	9.140	77	422551	30.262	ng/ul#	85
23) Isophorone	9.669	82	815673	29.576	ng/ul#	97
25) 2-Nitrophenol	9.852	139	199211	30.220	ng/ul#	87
26) 2,4-Dimethylphenol	9.916	107	413276	28.957	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.152	93	476375	29.470	ng/ul#	97
29) 2,4-Dichlorophenol	10.393	162	357374	30.682	ng/ul#	83
30) Naphthalene	10.793	128	1128606	30.093	ng/ul	97
32) 4-Chloroaniline	10.899	127	451179	26.353	ng/ul	100
33) Hexachlorobutadiene	11.087	225	237383	28.756	ng/ul	95
34) Caprolactam	11.675	113	111385m	26.585	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	426589	30.318	ng/ul#	69
36) 2-Methylnaphthalene	12.398	142	809102	29.747	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	819048	29.657	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.769	216	471773	29.784	ng/ul	94
40) Hexachlorocyclopentadiene	12.751	237	180145	20.180	ng/ul	94
41) 2,4,6-Trichlorophenol	13.004	196	304814	29.742	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.081	196	327334	29.355	ng/ul#	87
43) 1,1'-Biphenyl	13.404	154	1140896	30.171	ng/ul	93
44) 2-Chloronaphthalene	13.445	162	882015	30.140	ng/ul	93
45) 2-Nitroaniline	13.645	65	297525	31.355	ng/ul#	82
47) Dimethylphthalate	14.028	163	1155980	29.824	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	248552	31.247	ng/ul	94
50) Acenaphthylene	14.292	152	1439080	30.099	ng/ul	95
51) 3-Nitroaniline	14.469	138	234906	32.600	ng/ul#	82
52) Acenaphthene	14.634	153	924593	29.740	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	79193	17.816	ng/ul#	80
55) 4-Nitrophenol	14.781	109	159046	24.933	ng/ul#	46
56) Dibenzofuran	14.969	168	1384966	30.084	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	364957	31.406	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.198	232	303680	30.637	ng/ul#	87
59) Diethylphthalate	15.392	149	1174521	29.791	ng/ul	94
61) Fluorene	15.622	166	1121587	29.674	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.610	204	583471	29.332	ng/ul	97
63) 4-Nitroaniline	15.634	138	241002	34.372	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.692	198	169366	24.825	ng/ul#	87
67) N-Nitrosodiphenylamine	15.822	169	992280	30.925	ng/ul	95
68) 4-Bromophenyl-phenylether	16.510	248	373337	31.298	ng/ul	93
69) Hexachlorobenzene	16.634	284	421066	30.412	ng/ul#	92
70) Atrazine	16.781	200	383746	29.417	ng/ul#	91
71) Pentachlorophenol	16.975	266	241493	27.388	ng/ul#	83
72) Phenanthrene	17.363	178	1857813	30.565	ng/ul	99
74) Anthracene	17.457	178	1885246	30.794	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	501339	30.708	ng/uL#	85
76) Pentachlorobenzene	14.892	250	477254	29.811	ng/uL	89
77) Carbazole	17.722	167	1641231	30.295	ng/ul#	95
78) Di-n-butylphthalate	18.275	149	2087867	31.325	ng/ul#	93
80) Fluoranthene	19.327	202	2281329	34.945	ng/ul	96
82) Pyrene	19.680	202	2307579	34.308	ng/ul#	94
83) Butylbenzylphthalate	20.545	149	965239	34.718	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.316	252	488953	26.701	ng/ul#	96
85) Benzo(a)anthracene	21.386	228	2064860	31.970	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.310	149	1418247	34.418	ng/ul#	82
87) Chrysene	21.445	228	1979543	31.126	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2382142	35.243	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1916284	32.784	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1725276	31.160	ng/ul#	98
93) Benzo(a)pyrene	23.751	252	1693959	31.339	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	1642785	30.552	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.439	278	1373758	29.858	ng/ul#	96
96) Benzo(g,h,i)perylene	27.204	276	1439296	31.723	ng/ul#	91

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

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