Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012752.D
Acq On : 26 Nov 2022 06:13
Operator : CG/JU
Sample : PB149028BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS028

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/26/2022
Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 26 08:41:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 25 15:59:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	614544	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	2682619	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	1747501	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	3464324	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	2349091	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1947811	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	85164	5.938	ng/uL	0.00
4) Pyridine-d5	3.822	84	1156417	26.945	ng/ul	0.00
7) Phenol-d5	7.169	99	1626286	32.204	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	987123	31.723	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	1278569	33.228	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	1319142	32.422	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	612708	37.317	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	686886	39.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	1389697	34.163	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	1696036	30.447	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	4055281	33.714	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	4681444	33.356	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	712681	33.233	ng/ul	0.00
60) Fluorene-d10	15.651	176	3480275	33.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	593107	35.821	ng/ul	0.00
73) Anthracene-d10	17.510	188	5177666	33.953	ng/ul	0.00
81) Pyrene-d10	19.739	212	5190433	38.026	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	3365352	35.175	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	167064	10.847	ng/uL	99
5) Pyridine	3.840	79	1151459	27.420	ng/ul	99
6) Benzaldehyde	7.152	77	889335	36.069	ng/ul	98
8) Phenol	7.199	94	1603039	30.274	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	1298789	29.936	ng/ul	100
12) 2-Chlorophenol	7.581	128	1286934	30.746	ng/ul	100
13) 2-Methylphenol	8.457	108	1245052	30.254	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1840131	29.405	ng/ul	99
16) Acetophenone	8.851	105	1961030	30.410	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.840	70	968832	30.498	ng/ul	97
18) 4-Methylphenol	8.793	108	1372451	30.281	ng/ul	96
19) Hexachloroethane	9.110	117	489103	30.471	ng/ul	98
22) Nitrobenzene	9.234	77	1396724	32.434	ng/ul	98
23) Isophorone	9.763	82	2918901	30.747	ng/ul	98
25) 2-Nitrophenol	9.945	139	740302	35.376	ng/ul	97
26) 2,4-Dimethylphenol	9.998	107	1427456	30.697	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	1800258	30.930	ng/ul	100
29) 2,4-Dichlorophenol	10.481	162	1323095	31.397	ng/ul	99
30) Naphthalene	10.892	128	4213474	29.995	ng/ul	100
32) 4-Chloroaniline	10.992	127	1656438	28.954	ng/ul	100
33) Hexachlorobutadiene	11.181	225	867954	30.923	ng/ul	99
34) Caprolactam	11.769	113	402721m	31.122	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1371753	32.146	ng/ul	100
36) 2-Methylnaphthalene	12.492	142	2973436	30.739	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	2960532	30.538	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.857	216	1720390	30.873	ng/ul	99
40) Hexachlorocyclopentadiene	12.839	237	877563	32.683	ng/ul	100
41) 2,4,6-Trichlorophenol	13.086	196	1128998	32.380	ng/ul	100
42) 2,4,5-Trichlorophenol	13.157	196	1227561	32.750	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	3937366	30.930	ng/ul	100
44) 2-Chloronaphthalene	13.534	162	3124712	30.682	ng/ul	99
45) 2-Nitroaniline	13.734	65	759799	38.132	ng/ul	98
47) Dimethylphthalate	14.110	163	3975956	31.534	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	758830	38.456	ng/ul	99
50) Acenaphthylene	14.381	152	4758679	31.008	ng/ul	100
51) 3-Nitroaniline	14.557	138	734952	32.160	ng/ul	98
52) Acenaphthene	14.722	153	3294693	30.494	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	398291	31.411	ng/ul	97
55) 4-Nitrophenol	14.857	109	473364	30.382	ng/ul	95
56) Dibenzofuran	15.057	168	4624516	31.053	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	1072115	36.818	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.280	232	1050523	32.518	ng/ul	97
59) Diethylphthalate	15.475	149	3829812	31.379	ng/ul	98
61) Fluorene	15.704	166	3657584	30.626	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	1946679	31.416	ng/ul	99
63) 4-Nitroaniline	15.722	138	702659	36.075	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.775	198	596489	33.562	ng/ul	96
67) N-Nitrosodiphenylamine	15.910	169	3232666	32.833	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	1092667	32.046	ng/ul	99
69) Hexachlorobenzene	16.710	284	1413744	32.531	ng/ul	100
70) Atrazine	16.869	200	1092073	32.329	ng/ul	100
71) Pentachlorophenol	17.051	266	832307	31.187	ng/ul	99
72) Phenanthrene	17.457	178	5806701	31.449	ng/ul	99
74) Anthracene	17.545	178	5811450	31.815	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	1723576	32.182	ng/uL	99
76) Pentachlorobenzene	14.975	250	1652092	29.674	ng/uL	99
77) Carbazole	17.810	167	4991741	32.304	ng/ul	100
78) Di-n-butylphthalate	18.357	149	5868318	32.080	ng/ul	99
80) Fluoranthene	19.410	202	6084238	35.836	ng/ul	100
82) Pyrene	19.768	202	6126325	34.888	ng/ul	97
83) Butylbenzylphthalate	20.633	149	1611673	39.222	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	1354337	31.395	ng/ul	97
85) Benzo(a)anthracene	21.480	228	4838829	29.782	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	2277209	36.237	ng/ul	99
87) Chrysene	21.539	228	4527883	28.823	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	3309950	29.757	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	4241410	29.406	ng/ul	100
91) Benzo(k)fluoranthene	23.292	252	4193011	29.123	ng/ul	100
93) Benzo(a)pyrene	23.904	252	3654975	30.816	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.656	276	4561330	39.861	ng/ul	99
95) Dibenzo(a,h)anthracene	26.680	278	4031035	38.822	ng/ul	98
96) Benzo(g,h,i)perylene	27.468	276	3972329	40.359	ng/ul	99

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

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