Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012881.D
Acq On : 30 Nov 2022 16:05
Operator : CG/JU
Sample : PB149338BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS338

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2022
Supervised By :mohammad ahmed 12/02/2022

Quant Time: Nov 30 21:55:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	592508	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2696296	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.646	164	1806182	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	3825830	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	3020889	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	2499970	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	94797	6.856	ng/uL	0.00
4) Pyridine-d5	3.817	84	1389043	33.569	ng/ul	0.00
7) Phenol-d5	7.164	99	1925111	39.540	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1153104	38.435	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	1480926	39.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1549141	39.490	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	736269	44.615	ng/ul	0.00
24) 2-Nitrophenol-d4	9.905	143	826534	47.169	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	1617635	39.565	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	2200984	39.311	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	4827155	38.828	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	5481429	37.787	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	904862	40.824	ng/ul	0.00
60) Fluorene-d10	15.640	176	4197390	38.551	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	845375	46.232	ng/ul	0.00
73) Anthracene-d10	17.504	188	6583669	39.093	ng/ul	0.00
81) Pyrene-d10	19.728	212	7245013	41.275	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	5132335	41.795	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	194257	13.082	ng/uL	97
5) Pyridine	3.840	79	1326472	32.762	ng/ul	98
6) Benzaldehyde	7.146	77	1032944m	43.451	ng/ul	
8) Phenol	7.187	94	1971594	38.619	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	1569161	37.513	ng/ul	99
12) 2-Chlorophenol	7.569	128	1547467	38.345	ng/ul	99
13) 2-Methylphenol	8.452	108	1505167	37.934	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	2212023	36.662	ng/ul	99
16) Acetophenone	8.840	105	2352832	37.842	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.828	70	1179445	38.508	ng/ul	98
18) 4-Methylphenol	8.781	108	1659589	37.978	ng/ul	99
19) Hexachloroethane	9.099	117	597231	38.591	ng/ul	99
22) Nitrobenzene	9.222	77	1713878	39.597	ng/ul	99
23) Isophorone	9.752	82	3451514	36.172	ng/ul	99
25) 2-Nitrophenol	9.934	139	911679	43.344	ng/ul	97
26) 2,4-Dimethylphenol	9.987	107	1718279	36.764	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.234	93	2168871	37.074	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	1607549	37.954	ng/ul	100
30) Naphthalene	10.881	128	5089987	36.051	ng/ul	100
32) 4-Chloroaniline	10.987	127	1915397	33.311	ng/ul	100
33) Hexachlorobutadiene	11.163	225	1042103	36.939	ng/ul	99
34) Caprolactam	11.769	113	513288m	39.465	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	1659172	38.684	ng/ul	97
36) 2-Methylnaphthalene	12.481	142	3606350	37.093	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.699	142	3585133	36.793	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.846	216	2076087	36.046	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	1041363	37.524	ng/ul	98
41) 2,4,6-Trichlorophenol	13.081	196	1370275	38.023	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	1493677	38.556	ng/ul	99
43) 1,1'-Biphenyl	13.481	154	4736114	35.995	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	3795904	36.062	ng/ul	100
45) 2-Nitroaniline	13.728	65	997648	48.442	ng/ul	99
47) Dimethylphthalate	14.104	163	4876095	37.416	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	984679	48.281	ng/ul	96
50) Acenaphthylene	14.369	152	5763481	36.336	ng/ul	100
51) 3-Nitroaniline	14.551	138	991928	41.995	ng/ul	95
52) Acenaphthene	14.710	153	4023054	36.026	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	562791	42.943	ng/ul	94
55) 4-Nitrophenol	14.851	109	611667	37.984	ng/ul	95
56) Dibenzofuran	15.045	168	5678064	36.889	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	1417525	47.099	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	1319593	39.519	ng/ul	98
59) Diethylphthalate	15.463	149	4869966	38.605	ng/ul	98
61) Fluorene	15.698	166	4559368	36.937	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	2400141	37.476	ng/ul	99
63) 4-Nitroaniline	15.716	138	974344	48.399	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.769	198	869422	44.296	ng/ul#	94
67) N-Nitrosodiphenylamine	15.898	169	4075848	37.486	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	1310877	34.813	ng/ul	99
69) Hexachlorobenzene	16.704	284	1817347	37.867	ng/ul	97
70) Atrazine	16.857	200	1067893	28.626	ng/ul	99
71) Pentachlorophenol	17.045	266	1120594	38.022	ng/ul	99
72) Phenanthrene	17.445	178	7565040	37.101	ng/ul	99
74) Anthracene	17.539	178	7595350	37.652	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.446	216	2065193	34.917	ng/uL	99
76) Pentachlorobenzene	14.963	250	2043217	33.232	ng/uL	98
77) Carbazole	17.804	167	6741130	39.503	ng/ul	99
78) Di-n-butylphthalate	18.345	149	8185956	40.521	ng/ul	99
80) Fluoranthene	19.404	202	8634837	39.549	ng/ul	99
82) Pyrene	19.757	202	8692627	38.494	ng/ul	99
83) Butylbenzylphthalate	20.622	149	3083941	58.361	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	2256793	40.681	ng/ul	99
85) Benzo(a)anthracene	21.475	228	7553293	36.150	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	4174776	51.660	ng/ul	99
87) Chrysene	21.528	228	7103804	35.164	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	6233635	43.664	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	6746440	36.442	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	6496913	35.158	ng/ul	99
93) Benzo(a)pyrene	23.892	252	5719641	37.573	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	6834370	46.534	ng/ul	99
95) Dibenzo(a,h)anthracene	26.657	278	6015926	45.142	ng/ul	99
96) Benzo(g,h,i)perylene	27.445	276	5864634	46.425	ng/ul	99

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

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