Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018605.D
Acq On : 05 Dec 2023 16:16
Operator : MA/JU
Sample : PB157362BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS362

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 05 17:14:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	323645	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1482979	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	1015887	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	2044195	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1969090	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1833452	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	56994	6.001	ng/uL	0.00
4) Pyridine-d5	3.681	84	792725	31.161	ng/ul	0.00
7) Phenol-d5	7.022	99	1113686	34.289	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	650514	33.793	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	805391	31.779	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	859725	32.708	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	408743	30.968	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	422584	30.881	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	886877	31.695	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	1073887	29.366	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	2848416	31.416	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	3141020	31.461	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	516799	34.724	ng/ul	0.00
60) Fluorene-d10	15.475	176	2061458	27.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	388381	31.686	ng/ul	0.00
73) Anthracene-d10	17.327	188	3165024	29.451	ng/ul	0.00
81) Pyrene-d10	19.563	212	4024191	26.254	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3463699	32.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	115511	11.091	ng/uL	98
5) Pyridine	3.705	79	829406	32.285	ng/ul	98
6) Benzaldehyde	6.993	77	559637	33.373	ng/ul	99
8) Phenol	7.046	94	1106096	34.727	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	870567	33.281	ng/ul	99
12) 2-Chlorophenol	7.416	128	806492	31.443	ng/ul	98
13) 2-Methylphenol	8.298	108	801985	32.889	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1131474	34.090	ng/ul	98
16) Acetophenone	8.681	105	1362530	34.783	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	686192	31.842	ng/ul	98
18) 4-Methylphenol	8.634	108	902451	33.893	ng/ul	97
19) Hexachloroethane	8.934	117	324186	30.830	ng/ul	98
22) Nitrobenzene	9.057	77	1018743	31.745	ng/ul	100
23) Isophorone	9.587	82	2026488	30.972	ng/ul	99
25) 2-Nitrophenol	9.769	139	465565	31.775	ng/ul	99
26) 2,4-Dimethylphenol	9.828	107	545226	19.027	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1276565	30.903	ng/ul	99
29) 2,4-Dichlorophenol	10.298	162	854010	31.686	ng/ul	99
30) Naphthalene	10.698	128	2781662	30.920	ng/ul	100
32) 4-Chloroaniline	10.816	127	1024013	29.381	ng/ul	99
33) Hexachlorobutadiene	10.986	225	540594	29.949	ng/ul	99
34) Caprolactam	11.598	113	310343m	37.552	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	975058	32.294	ng/ul	99
36) 2-Methylnaphthalene	12.310	142	1988018	31.193	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	1972929	30.653	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	1120439	30.399	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	414771	18.986	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	686352	28.947	ng/ul	99
42) 2,4,5-Trichlorophenol	12.986	196	786666	30.603	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	2681091	30.516	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	2152695	31.022	ng/ul	99
45) 2-Nitroaniline	13.569	65	634563	33.732	ng/ul	98
47) Dimethylphthalate	13.951	163	2809211	31.476	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	559402	33.175	ng/ul	96
50) Acenaphthylene	14.204	152	3534399	31.487	ng/ul	100
51) 3-Nitroaniline	14.392	138	564534	33.538	ng/ul	99
52) Acenaphthene	14.545	153	2334849	31.459	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	267305	29.911	ng/ul	97
55) 4-Nitrophenol	14.704	109	388343	34.537	ng/ul	98
56) Dibenzofuran	14.880	168	3273821	31.738	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	827484	34.887	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.104	232	618171	28.670	ng/ul	99
59) Diethylphthalate	15.310	149	2621573	30.017	ng/ul	99
61) Fluorene	15.533	166	2206821	27.037	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.527	204	1164659	27.207	ng/ul	98
63) 4-Nitroaniline	15.557	138	498240	31.071	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.610	198	418087	31.904	ng/ul	96
67) N-Nitrosodiphenylamine	15.739	169	1919531	28.337	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	759813	29.442	ng/ul	96
69) Hexachlorobenzene	16.527	284	896050	31.098	ng/ul	97
70) Atrazine	16.698	200	242330	12.033	ng/ul	97
71) Pentachlorophenol	16.874	266	485665	28.341	ng/ul	98
72) Phenanthrene	17.274	178	3878288	31.413	ng/ul	100
74) Anthracene	17.363	178	3657375	29.554	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	1146869	32.447	ng/uL	98
76) Pentachlorobenzene	14.798	250	1161535	33.454	ng/uL	99
77) Carbazole	17.639	167	3463499	35.116	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4375898	33.320	ng/ul	100
80) Fluoranthene	19.239	202	4695301	25.915	ng/ul	99
82) Pyrene	19.592	202	4805964	26.294	ng/ul	98
83) Butylbenzylphthalate	20.474	149	2092845	31.277	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1381501	28.871	ng/ul	99
85) Benzo(a)anthracene	21.304	228	5021093	31.415	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	3007687	32.703	ng/ul	99
87) Chrysene	21.357	228	4675973	31.770	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	5019090	37.494	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	4447646	32.901	ng/ul	99
91) Benzo(k)fluoranthene	23.009	252	4492241	34.345	ng/ul	100
93) Benzo(a)pyrene	23.586	252	4051336	32.799	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.156	276	4408568	29.872	ng/ul	99
95) Dibenzo(a,h)anthracene	26.174	278	3730474	30.386	ng/ul	99
96) Benzo(g,h,i)perylene	26.915	276	3484096	29.335	ng/ul	97

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

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