Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020868.D
Acq On : 09 Jul 2024 17:40
Operator : MA/JU
Sample : PB161835BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS835

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 23:18:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	184365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	768864	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	504257	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.186	188	1098049	20.000	ng/ul	0.02
79) Chrysene-d12	21.639	240	998663	20.000	ng/ul	0.02
88) Perylene-d12	24.986	264	1142176	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	27203	6.336	ng/uL	-0.01
4) Pyridine-d5	3.669	84	314244	25.114	ng/ul	-0.01
7) Phenol-d5	6.922	99	445610	29.469	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	261202	27.247	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	359161	29.062	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	359966	29.310	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	177018	31.184	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	206519	36.355	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	371622	31.759	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	417899	25.484	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1083780	30.912	ng/ul	0.02
49) Acenaphthylene-d8	14.051	160	1224118	29.260	ng/ul	0.01
54) 4-Nitrophenol-d4	14.616	143	186341	34.785	ng/ul	0.04
60) Fluorene-d10	15.375	176	921301	31.227	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	168707	30.488	ng/ul	0.02
73) Anthracene-d10	17.281	188	1405430	28.519	ng/ul	0.02
81) Pyrene-d10	19.669	212	1700312	28.341	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.757	264	1683501	30.301	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	44833	9.331	ng/uL	97
5) Pyridine	3.693	79	328039	25.309	ng/ul	98
6) Benzaldehyde	6.887	77	234478	30.663	ng/ul	99
8) Phenol	6.952	94	454936	29.502	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.157	93	354270	27.750	ng/ul	98
12) 2-Chlorophenol	7.305	128	375235	30.204	ng/ul	98
13) 2-Methylphenol	8.169	108	342066	28.912	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	504516	26.004	ng/ul	98
16) Acetophenone	8.546	105	556792	28.389	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	275627	26.439	ng/ul	99
18) 4-Methylphenol	8.499	108	372958	29.781	ng/ul	97
19) Hexachloroethane	8.787	117	152944	28.359	ng/ul	92
22) Nitrobenzene	8.916	77	416100	28.276	ng/ul	98
23) Isophorone	9.446	82	786352	26.970	ng/ul	98
25) 2-Nitrophenol	9.616	139	216795	35.339	ng/ul	95
26) 2,4-Dimethylphenol	9.687	107	337945	23.652	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.910	93	467401	26.947	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	365524	31.560	ng/ul	99
30) Naphthalene	10.546	128	1151875	27.990	ng/ul	100
32) 4-Chloroaniline	10.663	127	405229	25.666	ng/ul	99
33) Hexachlorobutadiene	10.816	225	258826	29.892	ng/ul	99
34) Caprolactam	11.463	113	119941m	34.031	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	405085	31.678	ng/ul	99
36) 2-Methylnaphthalene	12.151	142	791056	28.696	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	810777	28.770	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	474183	29.412	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	137148	13.667	ng/ul	94
41) 2,4,6-Trichlorophenol	12.787	196	285822	29.719	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	318683	31.949	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	1047454	27.775	ng/ul	98
44) 2-Chloronaphthalene	13.216	162	837251	28.188	ng/ul	99
45) 2-Nitroaniline	13.445	65	258606	34.567	ng/ul	93
47) Dimethylphthalate	13.816	163	1075634	30.118	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	230801	36.242	ng/ul	92
50) Acenaphthylene	14.081	152	1344486	28.451	ng/ul	99
51) 3-Nitroaniline	14.281	138	233697	39.483	ng/ul	97
52) Acenaphthene	14.428	153	872770	27.841	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	96956	29.351	ng/ul	97
55) 4-Nitrophenol	14.628	109	149746	31.237	ng/ul	94
56) Dibenzofuran	14.769	168	1254922	29.708	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	336043	38.227	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.004	232	248071	30.111	ng/ul	94
59) Diethylphthalate	15.210	149	1088794	30.907	ng/ul	98
61) Fluorene	15.434	166	1022298	30.121	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	524479	29.613	ng/ul	95
63) 4-Nitroaniline	15.475	138	249315m	44.383	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.534	198	178642	30.137	ng/ul	92
67) N-Nitrosodiphenylamine	15.657	169	893292	27.586	ng/ul	98
68) 4-Bromophenyl-phenylether	16.351	248	353938	28.898	ng/ul	95
69) Hexachlorobenzene	16.463	284	405701	29.590	ng/ul	93
70) Atrazine	16.633	200	77660	6.803	ng/ul	96
71) Pentachlorophenol	16.828	266	191291	24.234	ng/ul	99
72) Phenanthrene	17.228	178	1646448	28.634	ng/ul	99
74) Anthracene	17.316	178	1635410	27.650	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.145	216	470531	26.399	ng/uL	97
76) Pentachlorobenzene	14.687	250	462777	27.242	ng/uL	99
77) Carbazole	17.610	167	1514293	31.022	ng/ul	99
78) Di-n-butylphthalate	18.192	149	1902604	30.010	ng/ul	100
80) Fluoranthene	19.322	202	2022409	27.596	ng/ul	97
82) Pyrene	19.698	202	2073076	27.582	ng/ul	99
83) Butylbenzylphthalate	20.639	149	888336	31.831	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	654805	29.656	ng/ul	96
85) Benzo(a)anthracene	21.621	228	2043548	29.194	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	1257480	29.020	ng/ul#	99
87) Chrysene	21.692	228	1898086	28.688	ng/ul	99
89) Di-n-octyl phthalate	22.821	149	2217899	30.248	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	2071673	29.940	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	2004367	28.636	ng/ul	99
93) Benzo(a)pyrene	24.827	252	1779717	27.247	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.821	276	2468971m	29.469	ng/ul	
95) Dibenzo(a,h)anthracene	28.898	278	2004027	29.104	ng/ul	99
96) Benzo(g,h,i)perylene	29.980	276	1928320m	28.190	ng/ul	

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

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