Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018368.D
Acq On : 25 Nov 2023 14:46
Operator : MA/JU
Sample : PB157098BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS098

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023

Quant Time: Nov 27 01:44:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	525370	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	2091260	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1204597	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	2166098	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1735388	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	2130621	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	74860	5.337	ng/uL	0.00
4) Pyridine-d5	3.687	84	993732	25.779	ng/ul	0.00
7) Phenol-d5	7.034	99	1399950	29.157	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	771466	26.870	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	1182673	29.337	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	1116014	28.802	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	565772	33.308	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	594796	37.916	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	1181504	31.218	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	1444694	28.303	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	3148161	29.371	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	3613374	29.586	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	433973	29.328	ng/ul	0.00
60) Fluorene-d10	15.492	176	2553418	28.481	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	359021	38.935	ng/ul	0.00
73) Anthracene-d10	17.351	188	3377670	29.174	ng/ul	0.00
81) Pyrene-d10	19.586	212	3539277	25.625	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	3812189	30.862	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	155052	10.309	ng/uL	92
5) Pyridine	3.705	79	1034867	26.644	ng/ul	93
6) Benzaldehyde	7.005	77	767571	30.210	ng/ul	96
8) Phenol	7.058	94	1409172	29.920	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.299	93	1146415	29.222	ng/ul	96
12) 2-Chlorophenol	7.428	128	1209663	29.910	ng/ul	96
13) 2-Methylphenol	8.310	108	1085343	29.586	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1379500	24.738	ng/ul	95
16) Acetophenone	8.693	105	1703630	28.733	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.687	70	792101	23.915	ng/ul	93
18) 4-Methylphenol	8.646	108	1161494	29.649	ng/ul	99
19) Hexachloroethane	8.946	117	494174	29.259	ng/ul	92
22) Nitrobenzene	9.075	77	1195352	30.038	ng/ul	93
23) Isophorone	9.604	82	2381401	26.850	ng/ul	97
25) 2-Nitrophenol	9.781	139	652951	36.994	ng/ul	93
26) 2,4-Dimethylphenol	9.846	107	913828	23.061	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1528489	28.535	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	1155489	31.873	ng/ul	97
30) Naphthalene	10.722	128	3770452	29.810	ng/ul	100
32) 4-Chloroaniline	10.828	127	1321600	27.437	ng/ul	100
33) Hexachlorobutadiene	11.004	225	847201	34.264	ng/ul	99
34) Caprolactam	11.604	113	344904m	33.014	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	1071180	27.636	ng/ul	95
36) 2-Methylnaphthalene	12.328	142	2571485	28.727	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	2506552	27.818	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	1500114	35.260	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	691805	28.711	ng/ul	100
41) 2,4,6-Trichlorophenol	12.934	196	903839	35.376	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	951042	34.423	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	3297597	31.419	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	2638601	31.764	ng/ul	98
45) 2-Nitroaniline	13.581	65	569072	31.838	ng/ul	87
47) Dimethylphthalate	13.969	163	3166235	30.190	ng/ul	100
48) 2,6-Dinitrotoluene	14.081	165	632963	35.798	ng/ul	87
50) Acenaphthylene	14.222	152	4073286	29.921	ng/ul	99
51) 3-Nitroaniline	14.404	138	571694	32.542	ng/ul#	93
52) Acenaphthene	14.563	153	2672103	30.047	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	235582	38.190	ng/ul	98
55) 4-Nitrophenol	14.710	109	304832	27.807	ng/ul	93
56) Dibenzofuran	14.898	168	3637150	29.915	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	825616	34.553	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.122	232	724888	33.409	ng/ul	95
59) Diethylphthalate	15.334	149	3019155	28.658	ng/ul	99
61) Fluorene	15.551	166	2831787	28.561	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1525793	30.305	ng/ul	97
63) 4-Nitroaniline	15.569	138	516526	31.154	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.622	198	406040	39.704	ng/ul	96
67) N-Nitrosodiphenylamine	15.763	169	2358567	32.109	ng/ul	100
68) 4-Bromophenyl-phenylether	16.445	248	956897	34.989	ng/ul	94
69) Hexachlorobenzene	16.551	284	1091283	35.693	ng/ul#	90
70) Atrazine	16.716	200	693121	30.909	ng/ul	99
71) Pentachlorophenol	16.892	266	576239	36.681	ng/ul	98
72) Phenanthrene	17.292	178	4074551	30.925	ng/ul	99
74) Anthracene	17.386	178	3995289	30.042	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	1485642	39.902	ng/uL	100
76) Pentachlorobenzene	14.816	250	1384644	38.285	ng/uL	99
77) Carbazole	17.657	167	3364454	31.226	ng/ul	99
78) Di-n-butylphthalate	18.222	149	4449429	29.689	ng/ul	99
80) Fluoranthene	19.263	202	4307945	26.109	ng/ul	98
82) Pyrene	19.616	202	4330534	26.064	ng/ul	99
83) Butylbenzylphthalate	20.510	149	1674579	27.235	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.280	252	1521708	36.255	ng/ul	99
85) Benzo(a)anthracene	21.345	228	4355655	30.797	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2409508	26.119	ng/ul#	98
87) Chrysene	21.398	228	4045925	31.437	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	4247776	27.080	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4695799	30.343	ng/ul	98
91) Benzo(k)fluoranthene	23.104	252	4619243	29.983	ng/ul	99
93) Benzo(a)pyrene	23.692	252	4457305	31.318	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.386	276	5690868	34.581	ng/ul	97
95) Dibenzo(a,h)anthracene	26.427	278	4722903	35.056	ng/ul	98
96) Benzo(g,h,i)perylene	27.180	276	4637536	34.797	ng/ul	98

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

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