Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047975.D
Acq On : 10 Oct 2024 11:48
Operator : RC/JU
Sample : PB163682BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS682

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 12:24:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	227987	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	901745	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.421	164	543552	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1128947	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1119512	20.000	ng/ul	0.00
88) Perylene-d12	24.374	264	1252856	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	33508	4.750	ng/uL	0.00
4) Pyridine-d5	3.652	84	480484	23.260	ng/ul	0.00
7) Phenol-d5	6.957	99	561370	26.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	338330	22.116	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	464150	29.592	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	423895	26.446	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	218589	30.445	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	231570	33.657	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	432292	31.452	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	569638	26.808	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	1127704	28.616	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1369141	29.303	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	245668	31.311	ng/ul	0.00
60) Fluorene-d10	15.416	176	1001459	29.339	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	192327	29.112	ng/ul	0.00
73) Anthracene-d10	17.257	188	1539847	27.739	ng/ul	0.00
81) Pyrene-d10	19.545	212	1880079	29.590	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.168	264	2015800	31.011	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	68336	8.868	ng/uL	91
5) Pyridine	3.675	79	477935	21.977	ng/ul	88
6) Benzaldehyde	6.928	77	271851	23.187	ng/ul	88
8) Phenol	6.987	94	570400	24.866	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.210	93	430481	23.552	ng/ul	91
12) 2-Chlorophenol	7.351	128	466504	28.074	ng/ul	92
13) 2-Methylphenol	8.228	108	407498	25.477	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.304	45	639682	18.591	ng/ul#	94
16) Acetophenone	8.604	105	663073	24.177	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.592	70	325727	22.423	ng/ul#	88
18) 4-Methylphenol	8.557	108	451215	25.103	ng/ul	98
19) Hexachloroethane	8.863	117	192625	25.790	ng/ul	89
22) Nitrobenzene	8.981	77	497669	24.401	ng/ul	93
23) Isophorone	9.510	82	890955	24.420	ng/ul#	94
25) 2-Nitrophenol	9.692	139	244541	31.068	ng/ul	89
26) 2,4-Dimethylphenol	9.757	107	355147	21.057	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.986	93	540708	24.231	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	420594	29.635	ng/ul	97
30) Naphthalene	10.628	128	1400275	26.996	ng/ul	99
32) 4-Chloroaniline	10.733	127	449776	21.497	ng/ul	98
33) Hexachlorobutadiene	10.916	225	261107	27.845	ng/ul	98
34) Caprolactam	11.510	113	131749m	29.026	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	425515	28.964	ng/ul	96
36) 2-Methylnaphthalene	12.239	142	910999	27.642	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	914485	27.273	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	483816	27.343	ng/ul	97
40) Hexachlorocyclopentadiene	12.592	237	211957	19.805	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	308079	30.093	ng/ul	100
42) 2,4,5-Trichlorophenol	12.927	196	342767	30.618	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	1171508	26.919	ng/ul#	97
44) 2-Chloronaphthalene	13.298	162	931646	27.680	ng/ul	96
45) 2-Nitroaniline	13.498	65	273841	25.629	ng/ul#	79
47) Dimethylphthalate	13.874	163	1087296	27.244	ng/ul	98
48) 2,6-Dinitrotoluene	13.992	165	221007	31.532	ng/ul#	85
50) Acenaphthylene	14.139	152	1485401	28.189	ng/ul	98
51) 3-Nitroaniline	14.321	138	250609	29.542	ng/ul	91
52) Acenaphthene	14.486	153	998601	26.809	ng/ul	97
53) 2,4-Dinitrophenol	14.533	184	126804	29.278	ng/ul#	73
55) 4-Nitrophenol	14.639	109	174920	26.553	ng/ul	86
56) Dibenzofuran	14.821	168	1397702	27.876	ng/ul	96
57) 2,4-Dinitrotoluene	14.780	165	336017	31.919	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.045	232	279931	31.722	ng/ul#	96
59) Diethylphthalate	15.239	149	1088165	27.251	ng/ul	98
61) Fluorene	15.468	166	1129402	26.999	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	537420	27.189	ng/ul	96
63) 4-Nitroaniline	15.486	138	277479	33.680	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.545	198	205583	28.084	ng/ul#	88
67) N-Nitrosodiphenylamine	15.674	169	947529	26.934	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	323179	27.772	ng/ul	95
69) Hexachlorobenzene	16.468	284	387709	28.629	ng/ul	97
70) Atrazine	16.621	200	240151	20.507	ng/ul	98
71) Pentachlorophenol	16.815	266	246194	28.590	ng/ul	99
72) Phenanthrene	17.204	178	1787637	27.001	ng/ul	99
74) Anthracene	17.292	178	1793880	26.566	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	472861	25.297	ng/uL	99
76) Pentachlorobenzene	14.745	250	452907	24.823	ng/uL	98
77) Carbazole	17.562	167	1707051	27.890	ng/ul	98
78) Di-n-butylphthalate	18.121	149	1866026	27.385	ng/ul	99
80) Fluoranthene	19.215	202	2123043	28.371	ng/ul	97
82) Pyrene	19.574	202	2301536	27.633	ng/ul	98
83) Butylbenzylphthalate	20.468	149	895969	30.429	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.286	252	708050	29.932	ng/ul	100
85) Benzo(a)anthracene	21.368	228	2243164	28.617	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1257993	28.456	ng/ul	98
87) Chrysene	21.427	228	2126808	27.832	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	2195416	27.167	ng/ul	100
90) Benzo(b)fluoranthene	23.427	252	2258130	28.902	ng/ul	98
91) Benzo(k)fluoranthene	23.491	252	2287968	28.639	ng/ul	98
93) Benzo(a)pyrene	24.233	252	2054685	27.690	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.744	276	2735863	28.771	ng/ul	98
95) Dibenzo(a,h)anthracene	27.797	278	2251259	28.888	ng/ul	97
96) Benzo(g,h,i)perylene	28.797	276	2139027	28.710	ng/ul	96

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

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