Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
Data File : BM044709.D
Acq On : 21 Mar 2024 20:31
Operator : MA/JU
Sample : PB159721BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS721

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 00:45:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	173168	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	712479	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.333	164	400359	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.092	188	748335	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	641933	20.000	ng/ul	0.00
88) Perylene-d12	23.533	264	737903	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	28088	5.501	ng/uL	0.00
4) Pyridine-d5	3.652	84	392973	26.150	ng/ul	0.00
7) Phenol-d5	6.869	99	490974	27.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	311090	28.289	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.222	132	391066	29.890	ng/ul	-0.01
15) 4-Methylphenol-d8	8.398	113	377852	27.024	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	195005	32.503	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	209482	32.389	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	362919	32.970	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.616	131	455715	24.928	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	950507	30.265	ng/ul	-0.01
49) Acenaphthylene-d8	14.027	160	1134660	31.591	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	173519	26.642	ng/ul	0.00
60) Fluorene-d10	15.333	176	810031	30.693	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.468	200	152391	31.372	ng/ul	0.00
73) Anthracene-d10	17.192	188	1160014	32.430	ng/ul	0.00
81) Pyrene-d10	19.492	212	1265255	32.136	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.391	264	1267847	32.689	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	55776	10.552	ng/uL	97
5) Pyridine	3.669	79	378662	24.295	ng/ul	93
6) Benzaldehyde	6.851	77	199793	25.764	ng/ul	96
8) Phenol	6.892	94	498834	27.453	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.134	93	412027	27.616	ng/ul	98
12) 2-Chlorophenol	7.257	128	399148	29.578	ng/ul	98
13) 2-Methylphenol	8.134	108	376018	27.270	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	600282	30.466	ng/ul	97
16) Acetophenone	8.516	105	587532	27.094	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.504	70	304194	27.151	ng/ul	92
18) 4-Methylphenol	8.463	108	399574	26.621	ng/ul	93
19) Hexachloroethane	8.751	117	168775	30.532	ng/ul	94
22) Nitrobenzene	8.892	77	456381	32.077	ng/ul	97
23) Isophorone	9.416	82	854230	29.428	ng/ul	98
25) 2-Nitrophenol	9.592	139	219153	31.081	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	390089	30.405	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.904	93	535056	29.309	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	350681	31.911	ng/ul	99
30) Naphthalene	10.516	128	1252211	31.031	ng/ul	100
32) 4-Chloroaniline	10.645	127	316482	17.957	ng/ul	100
33) Hexachlorobutadiene	10.786	225	212049	34.427	ng/ul	97
34) Caprolactam	11.433	113	105660	24.689	ng/ul	96
35) 4-Chloro-3-methylphenol	11.769	107	371334	29.138	ng/ul	98
36) 2-Methylnaphthalene	12.139	142	807452	30.090	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	789508	29.825	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	383115	33.636	ng/ul	99
40) Hexachlorocyclopentadiene	12.474	237	242874	32.122	ng/ul	98
41) 2,4,6-Trichlorophenol	12.757	196	241346	30.226	ng/ul	99
42) 2,4,5-Trichlorophenol	12.827	196	261075	30.510	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	1010073	31.771	ng/ul	100
44) 2-Chloronaphthalene	13.204	162	787309	31.558	ng/ul	100
45) 2-Nitroaniline	13.427	65	242104	30.911	ng/ul	98
47) Dimethylphthalate	13.804	163	947220	29.640	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	189048	29.616	ng/ul	99
50) Acenaphthylene	14.057	152	1298581	31.020	ng/ul	99
51) 3-Nitroaniline	14.263	138	189817	27.530	ng/ul	99
52) Acenaphthene	14.398	153	849606	30.872	ng/ul	100
53) 2,4-Dinitrophenol	14.468	184	99318	24.324	ng/ul	96
55) 4-Nitrophenol	14.568	109	129999	28.488	ng/ul	89
56) Dibenzofuran	14.739	168	1121742	30.643	ng/ul	100
57) 2,4-Dinitrotoluene	14.721	165	269913	29.293	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.968	232	192433	27.174	ng/ul	98
59) Diethylphthalate	15.180	149	966510	29.142	ng/ul	99
61) Fluorene	15.392	166	902377	30.140	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	433044	31.164	ng/ul	100
63) 4-Nitroaniline	15.427	138	213246m	32.360	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	156173	30.086	ng/ul	96
67) N-Nitrosodiphenylamine	15.610	169	744734	33.043	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	258489	34.534	ng/ul	96
69) Hexachlorobenzene	16.386	284	293124	34.382	ng/ul	97
70) Atrazine	16.574	200	87872	11.931	ng/ul	99
71) Pentachlorophenol	16.739	266	155748	27.666	ng/ul	98
72) Phenanthrene	17.133	178	1357803	31.985	ng/ul	99
74) Anthracene	17.227	178	1376813	32.069	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.121	216	376644	37.682	ng/uL	99
76) Pentachlorobenzene	14.651	250	355026	36.739	ng/uL	98
77) Carbazole	17.504	167	1263204	31.311	ng/ul	100
78) Di-n-butylphthalate	18.074	149	1635877	30.146	ng/ul	100
80) Fluoranthene	19.156	202	1492565	31.833	ng/ul	97
82) Pyrene	19.521	202	1552945	31.813	ng/ul	97
83) Butylbenzylphthalate	20.439	149	712618	29.689	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.215	252	438446	31.575	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1502819	31.175	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1071673	30.622	ng/ul	97
87) Chrysene	21.327	228	1386140	31.058	ng/ul	100
89) Di-n-octyl phthalate	22.109	149	1880673	28.479	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1553672	31.467	ng/ul	100
91) Benzo(k)fluoranthene	22.909	252	1460970	30.211	ng/ul	98
93) Benzo(a)pyrene	23.438	252	1441699	31.214	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.797	276	1796479	34.677	ng/ul	97
95) Dibenzo(a,h)anthracene	25.815	278	1504246	34.824	ng/ul	98
96) Benzo(g,h,i)perylene	26.485	276	1447046	35.003	ng/ul	98

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

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