Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045323.D
Acq On : 17 Apr 2024 18:54
Operator : MA/JU
Sample : P2032-19MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 17 19:30:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E0MG3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/18/2024
Supervised By :mohammad ahmed 04/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	49275	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	192205	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.222	164	113757	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.986	188	228791	20.000	ng/ul	0.00
79) Chrysene-d12	21.198	240	223216	20.000	ng/ul	0.00
88) Perylene-d12	23.397	264	297664	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	5025	3.808	ng/uL	0.00
4) Pyridine-d5	3.593	84	11074	3.086	ng/ul	0.02
7) Phenol-d5	6.763	99	24692	5.911	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	73040	29.348	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	77552	23.697	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	44666	13.660	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	47412	32.114	ng/ul	0.00
24) 2-Nitrophenol-d4	9.445	143	48556	31.160	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	82879	29.008	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	86795	19.081	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	269515	34.027	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	300087	32.070	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	8692	5.258	ng/ul	0.00
60) Fluorene-d10	15.227	176	225487	31.932	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.374	200	40117	29.573	ng/ul	0.00
73) Anthracene-d10	17.086	188	347559	33.769	ng/ul	0.00
81) Pyrene-d10	19.392	212	410138	37.315	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	513735	35.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	4737	3.437	ng/uL	90
5) Pyridine	3.605	79	14027	3.689	ng/ul#	85
6) Benzaldehyde	6.746	77	73933	38.180	ng/ul	98
8) Phenol	6.787	94	27001	6.242	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.022	93	93386	27.662	ng/ul	98
12) 2-Chlorophenol	7.140	128	76583	22.301	ng/ul	97
13) 2-Methylphenol	8.022	108	50598	15.847	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	111224	27.622	ng/ul	98
16) Acetophenone	8.404	105	143676	27.027	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.387	70	70322	28.017	ng/ul#	90
18) 4-Methylphenol	8.351	108	47822	13.896	ng/ul	95
19) Hexachloroethane	8.622	117	44154	29.234	ng/ul	97
22) Nitrobenzene	8.775	77	115799	31.969	ng/ul	99
23) Isophorone	9.298	82	201022	30.206	ng/ul	100
25) 2-Nitrophenol	9.475	139	50642	29.280	ng/ul#	84
26) 2,4-Dimethylphenol	9.540	107	64876	19.456	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.781	93	120223	30.472	ng/ul	99
29) 2,4-Dichlorophenol	10.004	162	82862	28.706	ng/ul	98
30) Naphthalene	10.392	128	305613	30.036	ng/ul	100
32) 4-Chloroaniline	10.528	127	79718	18.011	ng/ul	100
33) Hexachlorobutadiene	10.657	225	54415	30.319	ng/ul	94
34) Caprolactam	11.351	113	2604m	2.672	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	69401	24.186	ng/ul	97
36) 2-Methylnaphthalene	12.016	142	203098	30.571	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.239	142	202368	30.101	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.386	216	101678	32.683	ng/ul	98
40) Hexachlorocyclopentadiene	12.345	237	43608	23.155	ng/ul	95
41) 2,4,6-Trichlorophenol	12.645	196	62795	30.942	ng/ul	94
42) 2,4,5-Trichlorophenol	12.716	196	70066	31.334	ng/ul	94
43) 1,1'-Biphenyl	13.051	154	260610	32.443	ng/ul	97
44) 2-Chloronaphthalene	13.086	162	203953	31.251	ng/ul	98
45) 2-Nitroaniline	13.322	65	61233	33.990	ng/ul	94
47) Dimethylphthalate	13.704	163	264417	31.939	ng/ul	98
48) 2,6-Dinitrotoluene	13.833	165	53125	32.739	ng/ul#	85
50) Acenaphthylene	13.945	152	333862	30.549	ng/ul	100
51) 3-Nitroaniline	14.163	138	49227	27.812	ng/ul	90
52) Acenaphthene	14.286	153	222148	30.463	ng/ul	97
53) 2,4-Dinitrophenol	14.380	184	25576	26.511	ng/ul#	82
55) 4-Nitrophenol	14.486	109	8277	5.693	ng/ul#	85
56) Dibenzofuran	14.627	168	302434	30.307	ng/ul	97
57) 2,4-Dinitrotoluene	14.627	165	76453	31.476	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.863	232	58299	30.463	ng/ul	99
59) Diethylphthalate	15.075	149	280726	33.238	ng/ul	99
61) Fluorene	15.286	166	253234	30.109	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	114784	29.117	ng/ul	93
63) 4-Nitroaniline	15.339	138	52102m	32.377	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.386	198	42879	29.515	ng/ul#	91
67) N-Nitrosodiphenylamine	15.510	169	212957	34.504	ng/ul	100
68) 4-Bromophenyl-phenylether	16.180	248	74368	33.375	ng/ul	91
69) Hexachlorobenzene	16.280	284	94739	32.685	ng/ul	95
70) Atrazine	16.474	200	66321	29.213	ng/ul	98
71) Pentachlorophenol	16.639	266	52961	30.079	ng/ul	99
72) Phenanthrene	17.027	178	407122	33.067	ng/ul	98
74) Anthracene	17.121	178	407129	32.326	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.004	216	98904	34.298	ng/uL	98
76) Pentachlorobenzene	14.539	250	101449	33.065	ng/uL	97
77) Carbazole	17.404	167	390485	32.154	ng/ul	98
78) Di-n-butylphthalate	17.974	149	507979	37.091	ng/ul	99
80) Fluoranthene	19.057	202	474446	36.598	ng/ul	99
82) Pyrene	19.421	202	512909	36.664	ng/ul	99
83) Butylbenzylphthalate	20.351	149	232802	39.720	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.133	252	149366	30.095	ng/ul	94
85) Benzo(a)anthracene	21.186	228	498762	32.931	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	355558	38.809	ng/ul	98
87) Chrysene	21.239	228	485286	34.371	ng/ul	99
89) Di-n-octyl phthalate	22.003	149	629282	33.600	ng/ul	100
90) Benzo(b)fluoranthene	22.739	252	580177	33.442	ng/ul	99
91) Benzo(k)fluoranthene	22.786	252	576981	33.042	ng/ul	99
93) Benzo(a)pyrene	23.303	252	510409	30.229	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.597	276	782743	35.788	ng/ul	99
95) Dibenzo(a,h)anthracene	25.609	278	641414	35.076	ng/ul	97
96) Benzo(g,h,i)perylene	26.262	276	622756	36.092	ng/ul	99

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

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