Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045327.D
Acq On : 17 Apr 2024 21:20
Operator : MA/JU
Sample : PB160113BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 17 23:30:03 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 :
SLCS113

Manual Integrations APPROVED

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

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	57271	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	239596	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.221	164	151102	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.986	188	300118	20.000	ng/ul	0.00
79) Chrysene-d12	21.203	240	294964	20.000	ng/ul	0.00
88) Perylene-d12	23.397	264	389834	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8594	5.603	ng/uL	0.00
4) Pyridine-d5	3.569	84	95162	22.817	ng/ul	0.00
7) Phenol-d5	6.757	99	124512	25.645	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	78423	27.111	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	107756	28.329	ng/ul	0.00
15) 4-Methylphenol-d8	8.286	113	100362	26.409	ng/ul	0.00
21) Nitrobenzene-d5	8.733	128	51420	27.940	ng/ul	0.00
24) 2-Nitrophenol-d4	9.445	143	55905	28.780	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	102323	28.730	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	139322	24.570	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	301954	28.701	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	343759	27.658	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	53259	24.256	ng/ul	0.00
60) Fluorene-d10	15.227	176	252424	26.912	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.374	200	46834	26.319	ng/ul	0.00
73) Anthracene-d10	17.086	188	383734	28.423	ng/ul	0.00
81) Pyrene-d10	19.392	212	448916	30.909	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	561803	29.542	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	13590	8.485	ng/uL#	79
5) Pyridine	3.587	79	105062	23.774	ng/ul	97
6) Benzaldehyde	6.739	77	77513	34.440	ng/ul	98
8) Phenol	6.787	94	133190	26.491	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.022	93	105258	26.825	ng/ul	99
12) 2-Chlorophenol	7.139	128	111072	27.828	ng/ul	97
13) 2-Methylphenol	8.016	108	97548	26.285	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.104	45	120757	25.802	ng/ul	97
16) Acetophenone	8.404	105	160207	25.929	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.386	70	81092	27.797	ng/ul	91
18) 4-Methylphenol	8.345	108	109344	27.336	ng/ul	96
19) Hexachloroethane	8.622	117	51806	29.511	ng/ul	96
22) Nitrobenzene	8.775	77	128004	28.349	ng/ul	93
23) Isophorone	9.298	82	229654	27.683	ng/ul	100
25) 2-Nitrophenol	9.475	139	61421	28.488	ng/ul#	85
26) 2,4-Dimethylphenol	9.539	107	94739	22.792	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.780	93	135169	27.484	ng/ul	97
29) 2,4-Dichlorophenol	9.998	162	104930	29.161	ng/ul	98
30) Naphthalene	10.392	128	337981	26.647	ng/ul	99
32) 4-Chloroaniline	10.527	127	129415	23.455	ng/ul	99
33) Hexachlorobutadiene	10.657	225	59694	26.681	ng/ul	94
34) Caprolactam	11.333	113	32075m	26.403	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	101858	28.476	ng/ul	99
36) 2-Methylnaphthalene	12.016	142	227434	27.463	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.239	142	234080	27.932 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.386	216	114229	27.643 ng/ul	99
40) Hexachlorocyclopentadiene	12.345	237	56641	22.642 ng/ul	97
41) 2,4,6-Trichlorophenol	12.645	196	79053	29.326 ng/ul	97
42) 2,4,5-Trichlorophenol	12.716	196	86289	29.052 ng/ul	97
43) 1,1'-Biphenyl	13.051	154	296792	27.815 ng/ul	98
44) 2-Chloronaphthalene	13.086	162	232712	26.845 ng/ul	100
45) 2-Nitroaniline	13.321	65	72877	30.455 ng/ul	95
47) Dimethylphthalate	13.704	163	301954	27.459 ng/ul	99
48) 2,6-Dinitrotoluene	13.833	165	60217	27.938 ng/ul#	84
50) Acenaphthylene	13.945	152	388301	26.749 ng/ul	99
51) 3-Nitroaniline	14.163	138	64239	27.323 ng/ul	88
52) Acenaphthene	14.286	153	257229	26.556 ng/ul	99
53) 2,4-Dinitrophenol	14.380	184	32247	25.165 ng/ul	88
55) 4-Nitrophenol	14.474	109	52664	27.272 ng/ul	86
56) Dibenzofuran	14.627	168	348776	26.313 ng/ul	97
57) 2,4-Dinitrotoluene	14.627	165	88439	27.412 ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.857	232	72137	28.378 ng/ul	97
59) Diethylphthalate	15.074	149	315699	28.140 ng/ul	99
61) Fluorene	15.280	166	288624	25.835 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.286	204	133312	25.459 ng/ul	98
63) 4-Nitroaniline	15.339	138	64413m	30.135 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.392	198	51902	27.236 ng/ul	94
67) N-Nitrosodiphenylamine	15.510	169	242456	29.947 ng/ul	98
68) 4-Bromophenyl-phenylether	16.180	248	84433	28.886 ng/ul	93
69) Hexachlorobenzene	16.280	284	104323	27.438 ng/ul#	93
70) Atrazine	16.474	200	84473	28.365 ng/ul	96
71) Pentachlorophenol	16.639	266	63732	27.594 ng/ul	96
72) Phenanthrene	17.027	178	455489	28.203 ng/ul	99
74) Anthracene	17.121	178	460244	27.858 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.004	216	113355	29.967 ng/uL	97
76) Pentachlorobenzene	14.539	250	116158	28.862 ng/uL	97
77) Carbazole	17.404	167	444555	27.907 ng/ul	98
78) Di-n-butylphthalate	17.974	149	564886	31.444 ng/ul	99
80) Fluoranthene	19.056	202	533429	31.139 ng/ul	99
82) Pyrene	19.421	202	579484	31.347 ng/ul	99
83) Butylbenzylphthalate	20.350	149	266204	34.371 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.133	252	186134	28.380 ng/ul	98
85) Benzo(a)anthracene	21.186	228	563576	28.159 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.127	149	402336	33.233 ng/ul#	97
87) Chrysene	21.239	228	542343	29.069 ng/ul	98
89) Di-n-octyl phthalate	22.003	149	708693	28.894 ng/ul	100
90) Benzo(b)fluoranthene	22.744	252	648783	28.554 ng/ul	98
91) Benzo(k)fluoranthene	22.785	252	649817	28.415 ng/ul	100
93) Benzo(a)pyrene	23.303	252	572510	25.890 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.597	276	886958	30.965 ng/ul	98
95) Dibenzo(a,h)anthracene	25.609	278	719825	30.057 ng/ul	98
96) Benzo(g,h,i)perylene	26.262	276	711109	31.469 ng/ul	98

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

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