Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045311.D
Acq On : 17 Apr 2024 11:33
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 23:49:35 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 :
SSTD020105

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	41696	20.000	ng/ul	0.00
20) Naphthalene-d8	10.345	136	168679	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.227	164	103134	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.986	188	197466	20.000	ng/ul	0.00
79) Chrysene-d12	21.203	240	193295	20.000	ng/ul	0.00
88) Perylene-d12	23.403	264	251196	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	7973	7.140	ng/uL	0.00
4) Pyridine-d5	3.569	84	55813	18.381	ng/ul	0.00
7) Phenol-d5	6.757	99	67996	19.236	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	44851	21.297	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	59321	21.421	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	53714	19.414	ng/ul	0.00
21) Nitrobenzene-d5	8.739	128	27015	20.850	ng/ul	0.00
24) 2-Nitrophenol-d4	9.445	143	28195	20.617	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	51783	20.652	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	74759	18.727	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	141312	19.679	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	171906	20.264	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	20427	13.630	ng/ul	0.00
60) Fluorene-d10	15.227	176	126210	19.714	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.380	200	18682	15.956	ng/ul	0.00
73) Anthracene-d10	17.086	188	183607	20.669	ng/ul	0.00
81) Pyrene-d10	19.398	212	196925	20.690	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.262	264	248480	20.277	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	9397	8.058	ng/uL	97
5) Pyridine	3.587	79	57584	17.898	ng/ul	94
6) Benzaldehyde	6.746	77	44599	27.218	ng/ul	97
8) Phenol	6.787	94	71069	19.415	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.028	93	58291	20.405	ng/ul	98
12) 2-Chlorophenol	7.140	128	60663	20.876	ng/ul	96
13) 2-Methylphenol	8.022	108	53064	19.640	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.104	45	71909	21.104	ng/ul	99
16) Acetophenone	8.404	105	89601	19.919	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.387	70	44766	21.077	ng/ul	93
18) 4-Methylphenol	8.351	108	55998	19.229	ng/ul	100
19) Hexachloroethane	8.622	117	28746	22.492	ng/ul	93
22) Nitrobenzene	8.781	77	69778	21.951	ng/ul	94
23) Isophorone	9.298	82	118347	20.263	ng/ul	98
25) 2-Nitrophenol	9.481	139	31204	20.557	ng/ul#	77
26) 2,4-Dimethylphenol	9.539	107	62655	21.410	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.786	93	74854	21.619	ng/ul	98
29) 2,4-Dichlorophenol	10.004	162	53173	20.990	ng/ul	96
30) Naphthalene	10.392	128	187210	20.966	ng/ul	99
32) 4-Chloroaniline	10.528	127	73452	18.909	ng/ul	96
33) Hexachlorobutadiene	10.657	225	33109	21.021	ng/ul	88
34) Caprolactam	11.345	113	13198m	15.432	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	49865	19.801	ng/ul	96
36) 2-Methylnaphthalene	12.016	142	120205	20.617	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.239	142	121526	20.598	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.392	216	60003	21.274	ng/ul	99
40)	Hexachlorocyclopentadiene	12.351	237	35956	21.059	ng/ul	90
41)	2,4,6-Trichlorophenol	12.651	196	35929	19.528	ng/ul	97
42)	2,4,5-Trichlorophenol	12.722	196	40206	19.833	ng/ul	92
43)	1,1'-Biphenyl	13.051	154	157124	21.575	ng/ul	98
44)	2-Chloronaphthalene	13.092	162	123265	20.833	ng/ul	99
45)	2-Nitroaniline	13.333	65	32018	19.603	ng/ul	88
47)	Dimethylphthalate	13.704	163	145501	19.385	ng/ul	99
48)	2,6-Dinitrotoluene	13.833	165	27022	18.368	ng/ul#	80
50)	Acenaphthylene	13.945	152	203289	20.518	ng/ul	97
51)	3-Nitroaniline	14.169	138	27575	17.184	ng/ul	96
52)	Acenaphthene	14.292	153	137969	20.868	ng/ul	99
53)	2,4-Dinitrophenol	14.386	184	11101	12.692	ng/ul	93
55)	4-Nitrophenol	14.480	109	20498	15.552	ng/ul#	80
56)	Dibenzofuran	14.633	168	183881	20.325	ng/ul	99
57)	2,4-Dinitrotoluene	14.633	165	41275	18.744	ng/ul#	82
58)	2,3,4,6-Tetrachlorophenol	14.863	232	30989	17.861	ng/ul#	95
59)	Diethylphthalate	15.080	149	153208	20.008	ng/ul	98
61)	Fluorene	15.286	166	150562	19.745	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.286	204	70572	19.745	ng/ul	95
63)	4-Nitroaniline	15.345	138	24781m	16.986	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.392	198	20695	16.505	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.510	169	118731	22.289	ng/ul	98
68)	4-Bromophenyl-phenylether	16.186	248	42111	21.897	ng/ul	95
69)	Hexachlorobenzene	16.280	284	51251	20.486	ng/ul	97
70)	Atrazine	16.480	200	37892	19.338	ng/ul	96
71)	Pentachlorophenol	16.645	266	24474	16.105	ng/ul	93
72)	Phenanthrene	17.033	178	218973	20.607	ng/ul	97
74)	Anthracene	17.121	178	230041	21.163	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.010	216	56582	22.734	ng/uL	98
76)	Pentachlorobenzene	14.545	250	60179	22.726	ng/uL	95
77)	Carbazole	17.410	167	196474	18.745	ng/ul	96
78)	Di-n-butylphthalate	17.974	149	252883	21.394	ng/ul#	98
80)	Fluoranthene	19.062	202	240106	21.389	ng/ul	99
82)	Pyrene	19.427	202	259155	21.393	ng/ul	98
83)	Butylbenzylphthalate	20.351	149	106453	20.974	ng/ul	87
84)	3,3'-Dichlorobenzidine	21.139	252	83676	19.469	ng/ul	96
85)	Benzo(a)anthracene	21.186	228	268999	20.510	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.133	149	175280	22.093	ng/ul	98
87)	Chrysene	21.239	228	252291	20.635	ng/ul	99
89)	Di-n-octyl phthalate	22.009	149	292710	18.520	ng/ul	100
90)	Benzo(b)fluoranthene	22.744	252	292937	20.009	ng/ul	99
91)	Benzo(k)fluoranthene	22.792	252	289538	19.648	ng/ul	100
93)	Benzo(a)pyrene	23.303	252	288084	20.218	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.597	276	398398	21.585	ng/ul	99
95)	Dibenzo(a,h)anthracene	25.615	278	331360	21.473	ng/ul	98
96)	Benzo(g,h,i)perylene	26.268	276	318333	21.862	ng/ul	99

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

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