Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047720.D
Acq On : 30 Sep 2024 17:15
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 18:06:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020151

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	203150	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	839493	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.445	164	520787	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1049563	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	988715	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1139559	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	43376	6.900	ng/uL	0.00
4) Pyridine-d5	3.675	84	311869	16.944	ng/ul	0.00
7) Phenol-d5	6.975	99	336837	17.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	211712	15.531	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	280457	20.067	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	265289	18.574	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	135516	20.274	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	137364	21.445	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	271664	21.231	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	375485	18.981	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	741531	19.639	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	884024	19.747	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	143403m	19.076	ng/ul	0.00
60) Fluorene-d10	15.433	176	646186	19.758	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	105191	17.127	ng/ul	0.00
73) Anthracene-d10	17.280	188	984390	19.074	ng/ul	0.00
81) Pyrene-d10	19.562	212	1114739	19.865	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1154123	19.520	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	46609	6.788	ng/uL	87
5) Pyridine	3.693	79	321543	16.593	ng/ul	92
6) Benzaldehyde	6.951	77	214218	20.505	ng/ul	90
8) Phenol	7.004	94	353711	17.305	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.234	93	284822	17.488	ng/ul	92
12) 2-Chlorophenol	7.375	128	295118	19.932	ng/ul	92
13) 2-Methylphenol	8.251	108	261666	18.359	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	428097	13.963	ng/ul#	94
16) Acetophenone	8.633	105	438097	17.927	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.616	70	220136	17.007	ng/ul#	89
18) 4-Methylphenol	8.581	108	294124	18.364	ng/ul	95
19) Hexachloroethane	8.892	117	123740	18.593	ng/ul	90
22) Nitrobenzene	9.004	77	317092	16.700	ng/ul	91
23) Isophorone	9.539	82	609656	17.949	ng/ul	95
25) 2-Nitrophenol	9.716	139	151266	20.643	ng/ul	91
26) 2,4-Dimethylphenol	9.780	107	295830	18.841	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.016	93	371630	17.889	ng/ul	96
29) 2,4-Dichlorophenol	10.251	162	273503	20.700	ng/ul	98
30) Naphthalene	10.657	128	924635	19.148	ng/ul	99
32) 4-Chloroaniline	10.757	127	369198	18.954	ng/ul	98
33) Hexachlorobutadiene	10.951	225	173625	19.889	ng/ul	97
34) Caprolactam	11.527	113	85446m	20.221	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	274723	20.086	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	607555	19.802	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	621023	19.895	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	323483	19.081	ng/ul	96
40) Hexachlorocyclopentadiene	12.621	237	190580	18.586	ng/ul	100
41) 2,4,6-Trichlorophenol	12.874	196	206521	21.054	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	220631	20.569	ng/ul	96
43) 1,1'-Biphenyl	13.280	154	784935	18.825	ng/ul#	98
44) 2-Chloronaphthalene	13.321	162	619262	19.203	ng/ul	98
45) 2-Nitroaniline	13.516	65	170784m	16.682	ng/ul	
47) Dimethylphthalate	13.898	163	745047	19.484	ng/ul	99
48) 2,6-Dinitrotoluene	14.015	165	137316	20.448	ng/ul	87
50) Acenaphthylene	14.163	152	972173	19.256	ng/ul	99
51) 3-Nitroaniline	14.339	138	161304	19.846	ng/ul	88
52) Acenaphthene	14.510	153	670072	18.776	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	67274	16.212	ng/ul#	80
55) 4-Nitrophenol	14.645	109	110559	17.516	ng/ul	91
56) Dibenzofuran	14.845	168	924912	19.253	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	208787	20.700	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.068	232	186903	22.106	ng/ul#	97
59) Diethylphthalate	15.262	149	735161	19.215	ng/ul	98
61) Fluorene	15.492	166	749424	18.699	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	365428	19.296	ng/ul	96
63) 4-Nitroaniline	15.498	138	169695	21.498	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.562	198	119724	17.592	ng/ul#	88
67) N-Nitrosodiphenylamine	15.698	169	620226	18.964	ng/ul	100
68) 4-Bromophenyl-phenylether	16.374	248	217271	20.083	ng/ul	99
69) Hexachlorobenzene	16.492	284	254030	20.177	ng/ul	96
70) Atrazine	16.645	200	211493	19.426	ng/ul	97
71) Pentachlorophenol	16.833	266	170405	21.285	ng/ul	97
72) Phenanthrene	17.221	178	1148680	18.663	ng/ul	99
74) Anthracene	17.315	178	1181490	18.820	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	324172	18.654	ng/uL	98
76) Pentachlorobenzene	14.762	250	317214	18.701	ng/uL	99
77) Carbazole	17.580	167	1079515	18.972	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1223799	19.318	ng/ul	98
80) Fluoranthene	19.233	202	1303861	19.729	ng/ul	98
82) Pyrene	19.592	202	1425343	19.377	ng/ul	96
83) Butylbenzylphthalate	20.492	149	534550	20.556	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.309	252	432117	20.684	ng/ul	100
85) Benzo(a)anthracene	21.386	228	1356093	19.589	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	782610	20.045	ng/ul#	97
87) Chrysene	21.450	228	1292743	19.155	ng/ul	99
89) Di-n-octyl phthalate	22.444	149	1323913	18.012	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	1374065	19.335	ng/ul	99
91) Benzo(k)fluoranthene	23.521	252	1339731	18.437	ng/ul	98
93) Benzo(a)pyrene	24.268	252	1276165	18.908	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.797	276	1631566	18.864	ng/ul	99
95) Dibenzo(a,h)anthracene	27.862	278	1324010	18.679	ng/ul	98
96) Benzo(g,h,i)perylene	28.856	276	1268596	18.720	ng/ul	97

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

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