

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047735.D
 Acq On : 01 Oct 2024 09:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020152

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 01 22:54:43 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	218342	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	914700	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.445	164	573934	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1180158	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	1121985	20.000	ng/u1	0.00
88) Perylene-d12	24.409	264	1293379	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	45107	6.676	ng/uL	0.00
4) Pyridine-d5	3.669	84	346987	17.540	ng/u1	0.00
7) Phenol-d5	6.975	99	375694	18.197	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	230312	15.720	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	311676	20.749	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	295373	19.242	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	148354	20.370	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	155522	22.284	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	303365	21.759	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	430354	19.966	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	828899	19.920	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	983893	19.943	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	162648	19.632	ng/u1	0.00
60) Fluorene-d10	15.433	176	722606	20.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	114107	16.523	ng/u1	0.00
73) Anthracene-d10	17.280	188	1118311	19.271	ng/u1	0.00
81) Pyrene-d10	19.562	212	1293278	20.310	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.203	264	1355375	20.197	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	49114	6.655	ng/uL#	84
5) Pyridine	3.693	79	349608	16.786	ng/u1	90
6) Benzaldehyde	6.946	77	232131	20.674	ng/u1	93
8) Phenol	6.999	94	393855	17.928	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.234	93	308848	17.644	ng/u1	89
12) 2-Chlorophenol	7.375	128	320381	20.132	ng/u1	92
13) 2-Methylphenol	8.251	108	291393	19.022	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	454182	13.783	ng/u1#	95
16) Acetophenone	8.628	105	481213	18.321	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.616	70	238143	17.118	ng/u1#	88
18) 4-Methylphenol	8.575	108	321785	18.693	ng/u1	98
19) Hexachloroethane	8.893	117	133831	18.710	ng/u1	90
22) Nitrobenzene	9.004	77	349035	16.871	ng/u1	91
23) Isophorone	9.534	82	665958	17.995	ng/u1	96
25) 2-Nitrophenol	9.716	139	173243	21.698	ng/u1	89
26) 2,4-Dimethylphenol	9.781	107	328812	19.220	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.016	93	401164	17.723	ng/u1	96
29) 2,4-Dichlorophenol	10.251	162	305453	21.218	ng/u1	98
30) Naphthalene	10.651	128	1012373	19.241	ng/u1	99
32) 4-Chloroaniline	10.757	127	416188	19.610	ng/u1	99
33) Hexachlorobutadiene	10.945	225	192242	20.211	ng/u1	98
34) Caprolactam	11.528	113	98852m	21.470	ng/u1	
35) 4-Chloro-3-methylphenol	11.886	107	311166	20.880	ng/u1	95
36) 2-Methylnaphthalene	12.263	142	688011	20.580	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	689147	20.262	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	357765	19.149	ng/ul	96
40) Hexachlorocyclopentadiene	12.622	237	196470	17.386	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	235556	21.791	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	253810	21.471	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	882169	19.198	ng/ul#	97
44) 2-Chloronaphthalene	13.316	162	686238	19.309	ng/ul	98
45) 2-Nitroaniline	13.516	65	193457	17.147	ng/ul#	80
47) Dimethylphthalate	13.898	163	821124	19.485	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	161277	21.792	ng/ul#	85
50) Acenaphthylene	14.163	152	1086007	19.519	ng/ul	99
51) 3-Nitroaniline	14.339	138	183969	20.539	ng/ul	85
52) Acenaphthene	14.510	153	745960	18.966	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	73036m	15.971	ng/ul	
55) 4-Nitrophenol	14.645	109	126748	18.222	ng/ul	90
56) Dibenzofuran	14.839	168	1024285	19.347	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	240439	21.631	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.069	232	213599	22.924	ng/ul#	95
59) Diethylphthalate	15.263	149	820462	19.459	ng/ul	98
61) Fluorene	15.492	166	837857	18.969	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	408099	19.553	ng/ul	97
63) 4-Nitroaniline	15.498	138	195039	22.420	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.557	198	131309	17.159	ng/ul#	90
67) N-Nitrosodiphenylamine	15.692	169	692222	18.823	ng/ul	100
68) 4-Bromophenyl-phenylether	16.374	248	248069	20.392	ng/ul	99
69) Hexachlorobenzene	16.492	284	287911	20.338	ng/ul	94
70) Atrazine	16.645	200	242917	19.843	ng/ul	98
71) Pentachlorophenol	16.833	266	196000	21.773	ng/ul	97
72) Phenanthrene	17.221	178	1294547	18.705	ng/ul	99
74) Anthracene	17.316	178	1334633	18.907	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	365957	18.729	ng/uL	97
76) Pentachlorobenzene	14.763	250	354546	18.589	ng/uL	98
77) Carbazole	17.580	167	1231204	19.243	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1408019	19.767	ng/ul	99
80) Fluoranthene	19.233	202	1504270	20.058	ng/ul	97
82) Pyrene	19.598	202	1634453	19.581	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	639291	21.664	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.309	252	504214	21.268	ng/ul	98
85) Benzo(a)anthracene	21.386	228	1568264	19.963	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	928538	20.957	ng/ul#	97
87) Chrysene	21.451	228	1464187	19.118	ng/ul	100
89) Di-n-octyl phthalate	22.445	149	1588783	19.045	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1559880	19.339	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	1540002	18.672	ng/ul	98
93) Benzo(a)pyrene	24.268	252	1468532	19.171	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.797	276	1898682	19.341	ng/ul	99
95) Dibenzo(a,h)anthracene	27.856	278	1531290	19.034	ng/ul	97
96) Benzo(g,h,i)perylene	28.850	276	1476955	19.203	ng/ul	97

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

