

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
 Data File : BM048546.D
 Acq On : 09 Nov 2024 02:10
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020198

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 03:02:47 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Nov 07 22:50:20 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	143123	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	585617	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	350425	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	701400	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	701293	20.000	ng/u1	0.00
88) Perylene-d12	24.191	264	828463	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	30021	8.362	ng/uL	0.00
4) Pyridine-d5	3.540	84	200864	20.301	ng/u1	0.00
7) Phenol-d5	6.846	99	220463	20.235	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	134157	20.501	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	188979	20.939	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	173474	20.250	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	87401	20.592	ng/u1	0.00
24) 2-Nitrophenol-d4	9.539	143	94595	20.953	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	175250	20.896	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	241133	20.242	ng/u1	0.00
46) Dimethylphthalate-d6	13.727	166	464004	20.743	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	558055	21.160	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	80991	19.494	ng/u1	0.00
60) Fluorene-d10	15.304	176	410362	21.016	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	67959	19.260	ng/u1	0.00
73) Anthracene-d10	17.157	188	630732	21.250	ng/u1	0.00
81) Pyrene-d10	19.451	212	740588	21.042	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.991	264	805552	20.811	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.158	88	32075	8.141	ng/uL	96
5) Pyridine	3.563	79	207874	20.467	ng/u1	96
6) Benzaldehyde	6.810	77	143108m	26.580	ng/u1	
8) Phenol	6.869	94	236332	20.675	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.093	93	182783	20.347	ng/u1	98
12) 2-Chlorophenol	7.228	128	197208	21.092	ng/u1	100
13) 2-Methylphenol	8.116	108	173719	20.529	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	275477	20.853	ng/u1	100
16) Acetophenone	8.487	105	278761	20.875	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.469	70	132908	21.178	ng/u1	99
18) 4-Methylphenol	8.445	108	191163	20.632	ng/u1	100
19) Hexachloroethane	8.734	117	81768	20.695	ng/u1	98
22) Nitrobenzene	8.863	77	201368	20.924	ng/u1	96
23) Isophorone	9.387	82	374569	21.041	ng/u1	99
25) 2-Nitrophenol	9.569	139	103886	21.115	ng/u1	96
26) 2,4-Dimethylphenol	9.639	107	194207	21.132	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	234427	21.097	ng/u1	98
29) 2,4-Dichlorophenol	10.110	162	178404	20.971	ng/u1	96
30) Naphthalene	10.498	128	618356	20.862	ng/u1	99
32) 4-Chloroaniline	10.616	127	229535	20.435	ng/u1	96
33) Hexachlorobutadiene	10.781	225	119907	20.828	ng/u1	99
34) Caprolactam	11.398	113	52957m	19.751	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	172198	20.918	ng/u1	98
36) 2-Methylnaphthalene	12.122	142	398312	21.002	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.339	142	408675	20.997	ng/ul	99	11/10/2024
39) 1,2,4,5-Tetrachloroben...	12.492	216	210148	20.927	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.469	237	100579	19.595	ng/ul	99	ahmed
41) 2,4,6-Trichlorophenol	12.745	196	131261	20.694	ng/ul	98	
42) 2,4,5-Trichlorophenol	12.816	196	143768	21.284	ng/ul	96	
43) 1,1'-Biphenyl	13.139	154	503980	21.034	ng/ul	99	
44) 2-Chloronaphthalene	13.180	162	401496	21.235	ng/ul	100	11/11/2024
45) 2-Nitroaniline	13.398	65	103563	21.811	ng/ul	99	
47) Dimethylphthalate	13.775	163	467933	20.825	ng/ul	100	
48) 2,6-Dinitrotoluene	13.892	165	89316	20.851	ng/ul	98	
50) Acenaphthylene	14.033	152	616119	21.194	ng/ul	99	
51) 3-Nitroaniline	14.227	138	97348	20.927	ng/ul	98	
52) Acenaphthene	14.374	153	430632	21.041	ng/ul	99	
53) 2,4-Dinitrophenol	14.445	184	37626	16.336	ng/ul	97	
55) 4-Nitrophenol	14.545	109	58790	19.572	ng/ul	95	
56) Dibenzofuran	14.710	168	594744	21.065	ng/ul	98	
57) 2,4-Dinitrotoluene	14.692	165	132819	21.331	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	14.945	232	118121	21.022	ng/ul	99	
59) Diethylphthalate	15.139	149	458976	20.732	ng/ul	100	
61) Fluorene	15.363	166	471725	21.103	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.357	204	230455	20.927	ng/ul	97	
63) 4-Nitroaniline	15.398	138	98088m	21.413	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.457	198	76647	19.961	ng/ul	98	
67) N-Nitrosodiphenylamine	15.574	169	392549	21.235	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.251	248	136875	20.692	ng/ul	97	
69) Hexachlorobenzene	16.368	284	165967	20.789	ng/ul	98	
70) Atrazine	16.527	200	138453	20.578	ng/ul	98	
71) Pentachlorophenol	16.715	266	102803	20.261	ng/ul	99	
72) Phenanthrene	17.098	178	739151	21.248	ng/ul	100	
74) Anthracene	17.192	178	748022	21.426	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	13.104	216	204038	20.392	ng/uL	98	
76) Pentachlorobenzene	14.633	250	202658	20.788	ng/uL	99	
77) Carbazole	17.468	167	683832	21.746	ng/ul	100	
78) Di-n-butylphthalate	18.027	149	770585	20.843	ng/ul	99	
80) Fluoranthene	19.115	202	858054	21.012	ng/ul	98	
82) Pyrene	19.480	202	940737	21.245	ng/ul	98	
83) Butylbenzylphthalate	20.386	149	348717	20.502	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.192	252	295463	23.188	ng/ul	97	
85) Benzo(a)anthracene	21.262	228	918816	20.784	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.192	149	506702	20.421	ng/ul	100	
87) Chrysene	21.327	228	888954	20.926	ng/ul	99	
89) Di-n-octyl phthalate	22.286	149	870604	18.641	ng/ul	100	
90) Benzo(b)fluoranthene	23.274	252	947968	20.786	ng/ul	100	
91) Benzo(k)fluoranthene	23.333	252	961470	21.145	ng/ul	99	
93) Benzo(a)pyrene	24.056	252	904483	21.094	ng/ul	100	
94) Indeno(1,2,3-cd)pyrene	27.468	276	1168845	20.976	ng/ul	99	
95) Dibenzo(a,h)anthracene	27.509	278	959601	21.084	ng/ul	100	
96) Benzo(g,h,i)perylene	28.479	276	922403	21.112	ng/ul	99	

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

