

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110724\
 Data File : BM048516.D
 Acq On : 07 Nov 2024 17:58
 Operator : RC/JU
 Sample : SSTD08058
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080045

Quant Time: Nov 07 22:45:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:15:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	139944	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	572077	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	343769	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.062	188	693257	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	647695	20.000	ng/u1	0.00
88) Perylene-d12	24.197	264	765974	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	108086	30.407	ng/uL	0.00
4) Pyridine-d5	3.540	84	783701	76.064	ng/u1	0.00
7) Phenol-d5	6.845	99	864587	71.913	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	516825	69.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	731470	74.814	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	687448	71.219	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	356538	76.017	ng/u1	0.00
24) 2-Nitrophenol-d4	9.545	143	397342	78.201	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.086	165	682120	73.568	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	958945	74.483	ng/u1	0.00
46) Dimethylphthalate-d6	13.733	166	1786172	69.527	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	2117982	73.118	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	372961	79.386	ng/u1	0.01
60) Fluorene-d10	15.310	176	1505418	69.349	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	317456	69.291	ng/u1	0.00
73) Anthracene-d10	17.162	188	2318696	70.732	ng/u1	0.00
81) Pyrene-d10	19.456	212	2658618	67.642	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.003	264	2918591	72.240	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.157	88	117974	31.395	ng/uL	97
5) Pyridine	3.557	79	795594	75.344	ng/u1	98
6) Benzaldehyde	6.810	77	328453	55.200	ng/u1	97
8) Phenol	6.875	94	906526	72.400	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.098	93	705582	70.536	ng/u1	99
12) 2-Chlorophenol	7.234	128	749335	74.649	ng/u1	99
13) 2-Methylphenol	8.122	108	678363	72.018	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.187	45	1020409	66.743	ng/u1	98
16) Acetophenone	8.492	105	1062082	69.861	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.486	70	510366	65.453	ng/u1	98
18) 4-Methylphenol	8.451	108	735585	70.757	ng/u1	98
19) Hexachloroethane	8.739	117	311254	73.555	ng/u1	99
22) Nitrobenzene	8.869	77	792145	72.682	ng/u1	96
23) Isophorone	9.398	82	1456009	68.938	ng/u1	100
25) 2-Nitrophenol	9.575	139	422971	75.946	ng/u1	99
26) 2,4-Dimethylphenol	9.645	107	731847	71.579	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.875	93	899889	68.697	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	682469	71.934	ng/u1	97
30) Naphthalene	10.504	128	2250941	70.448	ng/u1	99
32) 4-Chloroaniline	10.622	127	906743	72.687	ng/u1	100
33) Hexachlorobutadiene	10.786	225	435216	68.841	ng/u1	99
34) Caprolactam	11.416	113	225497m	74.523	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	690918	72.378	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	1481929	68.807	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	1504642	68.869	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.498	216	782221	71.871	ng/ul	99
40) Hexachlorocyclopentadiene	12.474	237	441049	67.698	ng/ul	99
41) 2,4,6-Trichlorophenol	12.745	196	526034	74.880	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	562699	75.836	ng/ul	99
43) 1,1'-Biphenyl	13.145	154	1854812	70.348	ng/ul	99
44) 2-Chloronaphthalene	13.186	162	1465592	71.733	ng/ul	99
45) 2-Nitroaniline	13.398	65	437197	77.318	ng/ul	99
47) Dimethylphthalate	13.780	163	1769409	68.674	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	387215	77.292	ng/ul	94
50) Acenaphthylene	14.039	152	2268173	71.686	ng/ul	99
51) 3-Nitroaniline	14.233	138	377812	71.644	ng/ul	94
52) Acenaphthene	14.380	153	1562156	69.577	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	224997	66.033	ng/ul	92
55) 4-Nitrophenol	14.557	109	263062	76.704	ng/ul	98
56) Dibenzofuran	14.716	168	2142956	69.376	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	550193	75.121	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	462106	72.640	ng/ul	99
59) Diethylphthalate	15.145	149	1774383	68.453	ng/ul	98
61) Fluorene	15.368	166	1645062	66.882	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	817691	66.222	ng/ul	99
63) 4-Nitroaniline	15.398	138	372721	78.058	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	343404	69.919	ng/ul#	91
67) N-Nitrosodiphenylamine	15.580	169	1426683	68.927	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	516432	68.278	ng/ul	98
69) Hexachlorobenzene	16.368	284	610079	67.413	ng/ul	97
70) Atrazine	16.539	200	545222	76.936	ng/ul	99
71) Pentachlorophenol	16.715	266	422813	73.840	ng/ul	97
72) Phenanthrene	17.104	178	2646546	68.943	ng/ul	99
74) Anthracene	17.198	178	2673258	69.575	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	766167	69.835	ng/ul	99
76) Pentachlorobenzene	14.639	250	737732	66.075	ng/ul	100
77) Carbazole	17.468	167	2507337	74.320	ng/ul	99
78) Di-n-butylphthalate	18.033	149	3072090	69.295	ng/ul	99
80) Fluoranthene	19.121	202	3090666	67.581	ng/ul	99
82) Pyrene	19.486	202	3240223	66.081	ng/ul	98
83) Butylbenzylphthalate	20.386	149	1442111	71.169	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.197	252	893679	63.237	ng/ul	100
85) Benzo(a)anthracene	21.268	228	3282418	70.274	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	2011017	68.872	ng/ul	99
87) Chrysene	21.327	228	3082362	70.177	ng/ul	99
89) Di-n-octyl phthalate	22.291	149	3706082	64.673	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	3397340	69.502	ng/ul	99
91) Benzo(k)fluoranthene	23.344	252	3412413	69.724	ng/ul	99
93) Benzo(a)pyrene	24.068	252	3214896	72.296	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.485	276	4234253	79.064	ng/ul	98
95) Dibenzo(a,h)anthracene	27.532	278	3412993	77.923	ng/ul	99
96) Benzo(g,h,i)perylene	28.503	276	3330229	81.032	ng/ul	99

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

