

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
 Data File : BM038394.D
 Acq On : 06 Jan 2023 19:59
 Operator : CG/JU
 Sample : 01035-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4433MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

Quant Time: Jan 07 00:39:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	80479	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	339609	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	234220	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	555058	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	620645	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	630349	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	16322	6.577	ng/uL	0.00
4) Pyridine-d5	3.793	84	241767	33.673	ng/u1	0.00
7) Phenol-d5	7.163	99	284317	38.780	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	200687	38.052	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	203464	38.733	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	210783	37.245	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	96719	36.300	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	116152	38.438	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	222444	38.120	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	247335	30.716	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	671187	37.839	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	784768	37.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	112277	35.161	ng/u1	0.00
60) Fluorene-d10	15.621	176	618152	38.320	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	134828	33.516	ng/u1	0.00
73) Anthracene-d10	17.468	188	1016643	37.969	ng/u1	0.00
81) Pyrene-d10	19.756	212	1288054	37.295	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	1249209	39.901	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	38121	14.387	ng/uL	92
5) Pyridine	3.816	79	284803	37.552	ng/u1	96
6) Benzaldehyde	7.140	77	206546	68.526	ng/u1	99
8) Phenol	7.187	94	325899	42.134	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	251875	40.670	ng/u1	99
12) 2-Chlorophenol	7.557	128	225735	41.611	ng/u1	97
13) 2-Methylphenol	8.445	108	221473	40.089	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	397401	40.457	ng/u1	98
16) Acetophenone	8.834	105	402246	40.166	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.816	70	237631	44.047	ng/u1	97
18) 4-Methylphenol	8.781	108	241242	40.136	ng/u1	95
19) Hexachloroethane	9.081	117	109175	43.216	ng/u1	95
22) Nitrobenzene	9.216	77	343753	39.116	ng/u1	99
23) Isophorone	9.745	82	622942	41.347	ng/u1	99
25) 2-Nitrophenol	9.928	139	131608	41.813	ng/u1	97
26) 2,4-Dimethylphenol	9.986	107	299638	40.722	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	351784	40.808	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	232950	41.054	ng/u1	97
30) Naphthalene	10.863	128	712923	39.356	ng/u1	99
32) 4-Chloroaniline	10.981	127	280772	34.219	ng/u1	96
33) Hexachlorobutadiene	11.133	225	175080	41.443	ng/u1	97
34) Caprolactam	11.775	113	66622m	41.135	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	261196	43.261	ng/u1	100
36) 2-Methylnaphthalene	12.463	142	499360	42.290	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	505664	41.392	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.827	216	334815	40.431	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	208488	35.647	ng/ul	97
41) 2,4,6-Trichlorophenol	13.075	196	214547	41.741	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	227467	41.293	ng/ul	97
43) 1,1'-Biphenyl	13.469	154	711916	40.211	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	580407	40.149	ng/ul	100
45) 2-Nitroaniline	13.727	65	209064	43.233	ng/ul	99
47) Dimethylphthalate	14.092	163	725896	40.327	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	144948	42.291	ng/ul	99
50) Acenaphthylene	14.357	152	876406	39.965	ng/ul	99
51) 3-Nitroaniline	14.545	138	131469	41.658	ng/ul	100
52) Acenaphthene	14.698	153	624764	40.261	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	102956	40.179	ng/ul	98
55) 4-Nitrophenol	14.851	109	135552	40.554	ng/ul	96
56) Dibenzofuran	15.027	168	894346	40.552	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	213967	42.671	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	212021	43.091	ng/ul	98
59) Diethylphthalate	15.445	149	783793	42.011	ng/ul	99
61) Fluorene	15.674	166	811972	42.884	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	433250	43.475	ng/ul	98
63) 4-Nitroaniline	15.710	138	152648m	50.547	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.763	198	150080	38.934	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	642178	40.576	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	248612	42.280	ng/ul	95
69) Hexachlorobenzene	16.674	284	282718	41.684	ng/ul	97
70) Atrazine	16.833	200	253287	38.718	ng/ul	97
71) Pentachlorophenol	17.021	266	174015	38.877	ng/ul	98
72) Phenanthrene	17.415	178	1235455	40.794	ng/ul	100
74) Anthracene	17.510	178	1285691	41.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	335959	40.103	ng/uL	98
76) Pentachlorobenzene	14.945	250	316311	39.184	ng/uL	98
77) Carbazole	17.780	167	1089993	38.172	ng/ul	99
78) Di-n-butylphthalate	18.327	149	1522812	44.636	ng/ul	100
80) Fluoranthene	19.421	202	1618378	41.434	ng/ul	99
82) Pyrene	19.786	202	1713325	40.250	ng/ul	99
83) Butylbenzylphthalate	20.668	149	699643	42.858	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	432304	33.402	ng/ul	99
85) Benzo(a)anthracene	21.527	228	1811975	41.023	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1425882	56.584	ng/ul	96
87) Chrysene	21.580	228	1695981	39.968	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	1935003	42.911	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1772182	44.437	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	1719887	42.945	ng/ul	100
93) Benzo(a)pyrene	23.868	252	1528332	42.343	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	1912933	41.702	ng/ul	100
95) Dibenzo(a,h)anthracene	26.527	278	1635763	42.730	ng/ul	99
96) Benzo(g,h,i)perylene	27.303	276	1545850	41.158	ng/ul	99

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

