

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
 Data File : BM038696.D
 Acq On : 06 Feb 2023 17:18
 Operator : CG/JU
 Sample : SST02029
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020035

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
 Supervised By :mohammad ahmed 02/07/2023

Quant Time: Feb 07 00:52:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 07 00:48:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	83098	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	339691	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	276030	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	592077	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	422836	20.000	ng/u1	0.00
88) Perylene-d12	23.850	264	436716	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12615m	5.413	ng/uL	0.00
4) Pyridine-d5	3.716	84	77450	13.271	ng/u1	0.00
7) Phenol-d5	7.087	99	103432	18.647	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	58912	18.196	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	100338	21.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	93827	21.200	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	50767	19.716	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	68318	20.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	138605	18.418	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	152992	20.919	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	435324	19.092	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	492349	20.291	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	64626	20.488	ng/u1	0.00
60) Fluorene-d10	15.539	176	368890	18.091	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	66356	13.093	ng/u1	0.00
73) Anthracene-d10	17.392	188	551384	18.501	ng/u1	0.00
81) Pyrene-d10	19.680	212	531801	24.409	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.697	264	438930	19.581	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	11815	4.705	ng/uL	100
5) Pyridine	3.734	79	77716	12.967	ng/u1	100
6) Benzaldehyde	7.051	77	44983	17.588	ng/u1	100
8) Phenol	7.110	94	103282	18.598	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.334	93	84010	21.172	ng/u1	100
12) 2-Chlorophenol	7.475	128	96363	20.876	ng/u1	100
13) 2-Methylphenol	8.369	108	86126	20.411	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.434	45	76421m	18.641	ng/u1	
16) Acetophenone	8.745	105	151819	19.417	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.722	70	70880	19.726	ng/u1	100
18) 4-Methylphenol	8.698	108	94800	21.167	ng/u1	100
19) Hexachloroethane	8.981	117	41455	17.805	ng/u1	100
22) Nitrobenzene	9.128	77	107564	13.880	ng/u1	100
23) Isophorone	9.651	82	212443	18.116	ng/u1	100
25) 2-Nitrophenol	9.834	139	68176	20.227	ng/u1	100
26) 2,4-Dimethylphenol	9.898	107	114853	15.688	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.134	93	125939	21.062	ng/u1	100
29) 2,4-Dichlorophenol	10.375	162	133562	18.673	ng/u1	100
30) Naphthalene	10.769	128	335193	19.888	ng/u1	100
32) 4-Chloroaniline	10.892	127	150174	20.464	ng/u1	100
33) Hexachlorobutadiene	11.039	225	68461	9.210	ng/u1	100
34) Caprolactam	11.681	113	30838m	21.914	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	104083	18.422	ng/u1	100
36) 2-Methylnaphthalene	12.375	142	260726	20.798	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	271050	20.946	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.739	216	130131	9.577	ng/u1	100
40) Hexachlorocyclopentadiene	12.710	237	63192	6.517	ng/u1	100
41) 2,4,6-Trichlorophenol	12.992	196	106546	12.879	ng/u1	100
42) 2,4,5-Trichlorophenol	13.069	196	111891	12.665	ng/u1	100
43) 1,1'-Biphenyl	13.386	154	406953	19.174	ng/u1	100
44) 2-Chloronaphthalene	13.427	162	330646	18.752	ng/u1	100
45) 2-Nitroaniline	13.645	65	62997	13.358	ng/u1	100
47) Dimethylphthalate	14.010	163	434789	19.379	ng/u1	100
48) 2,6-Dinitrotoluene	14.139	165	86924	20.919	ng/u1	100
50) Acenaphthylene	14.274	152	500591	20.631	ng/u1	100
51) 3-Nitroaniline	14.474	138	66645	22.282	ng/u1	100
52) Acenaphthene	14.616	153	356407	19.734	ng/u1	100
53) 2,4-Dinitrophenol	14.680	184	45049	13.486	ng/u1	100
55) 4-Nitrophenol	14.792	109	53947	10.194	ng/u1	100
56) Dibenzofuran	14.945	168	505726	18.827	ng/u1	100
57) 2,4-Dinitrotoluene	14.927	165	123885	20.227	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.180	232	86442	11.175	ng/u1	100
59) Diethylphthalate	15.368	149	428925	20.392	ng/u1	100
61) Fluorene	15.598	166	425379	18.803	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.586	204	178992	11.244	ng/u1	100
63) 4-Nitroaniline	15.633	138	48982m	19.863	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.686	198	63858	13.351	ng/u1	100
67) N-Nitrosodiphenylamine	15.804	169	352568	21.121	ng/u1	100
68) 4-Bromophenyl-phenylether	16.480	248	108752	13.036	ng/u1	100
69) Hexachlorobenzene	16.592	284	138329	14.204	ng/u1	100
70) Atrazine	16.757	200	121638	14.523	ng/u1	100
71) Pentachlorophenol	16.945	266	78109	12.538	ng/u1	100
72) Phenanthrene	17.333	178	655723	21.192	ng/u1	100
74) Anthracene	17.427	178	666417	20.568	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	128414	11.284	ng/uL	100
76) Pentachlorobenzene	14.863	250	143816	12.145	ng/uL	100
77) Carbazole	17.704	167	594144	21.126	ng/u1	100
78) Di-n-butylphthalate	18.251	149	796337	29.266	ng/u1	100
80) Fluoranthene	19.345	202	679695	26.914	ng/u1	100
82) Pyrene	19.709	202	706085	26.346	ng/u1	100
83) Butylbenzylphthalate	20.598	149	349176	45.170	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.386	252	186673	17.971	ng/u1	100
85) Benzo(a)anthracene	21.450	228	558881	18.659	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.368	149	506129	46.013	ng/u1	100
87) Chrysene	21.503	228	519662	18.744	ng/u1	100
89) Di-n-octyl phthalate	22.286	149	802601	43.395	ng/u1	100
90) Benzo(b)fluoranthene	23.121	252	540587	20.022	ng/u1	100
91) Benzo(k)fluoranthene	23.168	252	544041	20.215	ng/u1	100
93) Benzo(a)pyrene	23.744	252	463712	18.546	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.327	276	611907	15.482	ng/u1	100
95) Dibenzo(a,h)anthracene	26.338	278	512912	15.291	ng/u1	100
96) Benzo(g,h,i)perylene	27.091	276	493942	15.398	ng/u1	100

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

