

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102723\
 Data File : BG059513.D
 Acq On : 27 Oct 2023 16:08
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV440

Quant Time: Oct 28 04:08:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	74859	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.213	136	340126	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.991	164	215958	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.741	188	481473	20.000	ng/ul	0.00
79) Chrysene-d12	22.077	240	397881	20.000	ng/ul	0.00
88) Perylene-d12	25.684	264	437787	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.657	96	13299	6.647	ng/uL	0.00
4) Pyridine-d5	4.092	84	110206	19.711	ng/ul	0.00
7) Phenol-d5	7.465	99	156408	20.332	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.682	67	76055	21.525	ng/ul	0.00
11) 2-Chlorophenol-d4	7.876	132	120081	19.241	ng/ul	0.00
15) 4-Methylphenol-d8	9.039	113	127813	20.943	ng/ul	0.00
21) Nitrobenzene-d5	9.562	128	56472	23.351	ng/ul	0.00
24) 2-Nitrophenol-d4	10.279	143	55537	22.369	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	119369	21.823	ng/ul	0.00
31) 4-Chloroaniline-d4	11.348	131	186784	20.743	ng/ul	0.00
46) Dimethylphthalate-d6	14.386	166	382658	19.558	ng/ul	0.00
49) Acenaphthylene-d8	14.691	160	450054	19.601	ng/ul	0.00
54) 4-Nitrophenol-d4	15.150	143	75289	22.440	ng/ul	0.00
60) Fluorene-d10	15.978	176	320974	19.196	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.078	200	49162	21.561	ng/ul	0.00
73) Anthracene-d10	17.841	188	532017	20.396	ng/ul	0.00
81) Pyrene-d10	20.109	212	582088	21.047	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.432	264	532313	20.649	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.693	88	14129m	6.309	ng/uL	
5) Pyridine	4.110	79	88512	16.049	ng/ul	87
6) Benzaldehyde	7.506	77	85322	24.625	ng/ul	88
8) Phenol	7.500	94	138314	19.072	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.776	93	97241	18.285	ng/ul	97
12) 2-Chlorophenol	7.905	128	117842	19.047	ng/ul	93
13) 2-Methylphenol	8.775	108	115982	19.184	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.881	45	82624	16.509	ng/ul#	92
16) Acetophenone	9.204	105	198200	20.602	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.168	70	83082	18.328	ng/ul#	92
18) 4-Methylphenol	9.104	108	128133	19.920	ng/ul	96
19) Hexachloroethane	9.456	117	46336	18.856	ng/ul	95
22) Nitrobenzene	9.603	77	116443	22.307	ng/ul	95
23) Isophorone	10.114	82	245257	18.657	ng/ul#	90
25) 2-Nitrophenol	10.314	139	58516	21.915	ng/ul	91
26) 2,4-Dimethylphenol	10.332	107	123517	17.587	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.596	93	137439	18.777	ng/ul	96
29) 2,4-Dichlorophenol	10.831	162	108461	20.495	ng/ul	91
30) Naphthalene	11.266	128	389665	18.381	ng/ul#	96
32) 4-Chloroaniline	11.378	127	175013	20.461	ng/ul#	84
33) Hexachlorobutadiene	11.495	225	58104	18.302	ng/ul	92
34) Caprolactam	12.147	113	41028m	21.192	ng/ul	
35) 4-Chloro-3-methylphenol	12.429	107	134265	21.264	ng/ul	87
36) 2-Methylnaphthalene	12.841	142	271592	18.622	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	13.058	142	261215	17.982	ng/ul	92	10/31/2023
39) 1,2,4,5-Tetrachloroben...	13.176	216	120459	19.339	ng/ul	96	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	13.134	237	59791	16.467	ng/ul	91	
41) 2,4,6-Trichlorophenol	13.416	196	81207	18.828	ng/ul	89	
42) 2,4,5-Trichlorophenol	13.487	196	90845	19.455	ng/ul	96	
43) 1,1'-Biphenyl	13.828	154	376858	19.290	ng/ul	99	
44) 2-Chloronaphthalene	13.881	162	265353	17.476	ng/ul	96	10/31/2023
45) 2-Nitroaniline	14.086	65	63149	22.351	ng/ul	92	
47) Dimethylphthalate	14.433	163	350724	18.144	ng/ul#	95	
48) 2,6-Dinitrotoluene	14.574	165	61852	21.212	ng/ul#	77	
50) Acenaphthylene	14.721	152	476501	18.012	ng/ul	97	
51) 3-Nitroaniline	14.909	138	85121	23.420	ng/ul#	81	
52) Acenaphthene	15.056	153	310343	17.996	ng/ul	95	
53) 2,4-Dinitrophenol	15.103	184	31697	19.131	ng/ul#	84	
55) 4-Nitrophenol	15.161	109	80235	21.699	ng/ul	91	
56) Dibenzofuran	15.385	168	425597	19.036	ng/ul	100	
57) 2,4-Dinitrotoluene	15.344	165	95911	23.383	ng/ul#	94	
58) 2,3,4,6-Tetrachlorophenol	15.590	232	76862	20.972	ng/ul	91	
59) Diethylphthalate	15.778	149	392308	18.605	ng/ul	99	
61) Fluorene	16.031	166	359181	18.610	ng/ul#	97	
62) 4-Chlorophenyl-phenyle...	16.019	204	151953	18.422	ng/ul	95	
63) 4-Nitroaniline	16.066	138	100080	25.946	ng/ul#	91	
66) 4,6-Dinitro-2-methylph...	16.096	198	46934	19.531	ng/ul#	91	
67) N-Nitrosodiphenylamine	16.237	169	311470	18.933	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.918	248	87610	18.184	ng/ul	94	
69) Hexachlorobenzene	17.006	284	101761	18.275	ng/ul	96	
70) Atrazine	17.171	200	108318	21.248	ng/ul	96	
71) Pentachlorophenol	17.359	266	60812m	19.117	ng/ul		
72) Phenanthrene	17.782	178	577597	18.453	ng/ul	96	
74) Anthracene	17.876	178	589167	18.642	ng/ul	96	
75) 1,2,3,4-Tetrachloroben...	13.787	216	112556	17.555	ng/uL	94	
76) Pentachlorobenzene	15.279	250	107854	17.727	ng/uL	95	
77) Carbazole	18.146	167	565135	20.816	ng/ul	98	
78) Di-n-butylphthalate	18.663	149	717763	19.241	ng/ul	98	
80) Fluoranthene	19.774	202	651123	19.314	ng/ul	98	
82) Pyrene	20.138	202	685400	19.573	ng/ul	99	
83) Butylbenzylphthalate	21.013	149	320361	20.257	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.965	252	229363	22.168	ng/ul#	91	
85) Benzo(a)anthracene	22.059	228	625525	19.104	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.912	149	456538	19.347	ng/ul	100	
87) Chrysene	22.130	228	567509	18.632	ng/ul	96	
89) Di-n-octyl phthalate	23.270	149	784719	20.473	ng/ul	100	
90) Benzo(b)fluoranthene	24.515	252	618775	19.499	ng/ul	95	
91) Benzo(k)fluoranthene	24.597	252	572985m	18.076	ng/ul		
93) Benzo(a)pyrene	25.520	252	534398	17.817	ng/ul#	95	
94) Indeno(1,2,3-cd)pyrene	29.868	276	712368m	18.738	ng/ul		
95) Dibenzo(a,h)anthracene	29.979	278	596491m	18.998	ng/ul		
96) Benzo(g,h,i)perylene	31.196	276	567335m	18.234	ng/ul		

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

