

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
 Data File : BG060434.D
 Acq On : 25 Jan 2024 22:18
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV405

Quant Time: Jan 26 06:09:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 06:06:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	147050	20.000	ng/u1	0.00
20) Naphthalene-d8	10.726	136	673556	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	517237	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.306	188	1312727	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	1250379	20.000	ng/u1	0.00
88) Perylene-d12	24.727	264	1373958	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	21555	7.345	ng/uL	0.00
4) Pyridine-d5	3.769	84	182136	19.620	ng/u1	0.00
7) Phenol-d5	7.089	99	284355	20.361	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	191489	21.819	ng/u1	0.00
11) 2-Chlorophenol-d4	7.453	132	195351	20.947	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	241137	20.962	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	105270	21.187	ng/u1	0.00
24) 2-Nitrophenol-d4	9.809	143	127991	22.048	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	258213	21.388	ng/u1	0.00
31) 4-Chloroaniline-d4	10.861	131	328095	20.716	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	897014	21.194	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	1002912	21.125	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	130291	21.493	ng/u1	0.00
60) Fluorene-d10	15.550	176	788228	21.254	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	158906	19.549	ng/u1	0.00
73) Anthracene-d10	17.406	188	1298734	20.871	ng/u1	0.00
81) Pyrene-d10	19.698	212	1594525	21.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.510	264	1495678	20.752	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	22378	6.892	ng/uL#	94
5) Pyridine	3.793	79	157998	16.741	ng/u1	92
6) Benzaldehyde	7.066	77	145443m	27.398	ng/u1	
8) Phenol	7.113	94	268517	18.394	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.342	93	215140	18.503	ng/u1	97
12) 2-Chlorophenol	7.489	128	183311	19.055	ng/u1	95
13) 2-Methylphenol	8.364	108	205698	18.233	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	270512	17.629	ng/u1	97
16) Acetophenone	8.746	105	368163	20.082	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.728	70	188865	19.105	ng/u1	98
18) 4-Methylphenol	8.693	108	230120	18.971	ng/u1	98
19) Hexachloroethane	9.004	117	74846	17.597	ng/u1	96
22) Nitrobenzene	9.128	77	256287	18.856	ng/u1	95
23) Isophorone	9.645	82	549813	18.658	ng/u1	99
25) 2-Nitrophenol	9.839	139	119929	20.323	ng/u1	95
26) 2,4-Dimethylphenol	9.897	107	186588	15.323	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.133	93	325762	19.420	ng/u1	97
29) 2,4-Dichlorophenol	10.373	162	231793	19.974	ng/u1	97
30) Naphthalene	10.779	128	688204	18.936	ng/u1	99
32) 4-Chloroaniline	10.885	127	292414	18.819	ng/u1	99
33) Hexachlorobutadiene	11.061	225	178611	18.536	ng/u1	97
34) Caprolactam	11.648	113	79505m	20.580	ng/u1	
35) 4-Chloro-3-methylphenol	12.007	107	235061	20.203	ng/u1	93
36) 2-Methylnaphthalene	12.383	142	489571	19.162	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.600	142	489410	18.953	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.753	216	359463	19.095	ng/ul	97
40) Hexachlorocyclopentadiene	12.729	237	147532	12.960	ng/ul	98
41) 2,4,6-Trichlorophenol	12.994	196	219081	19.092	ng/ul	98
42) 2,4,5-Trichlorophenol	13.064	196	234622	19.349	ng/ul	94
43) 1,1'-Biphenyl	13.393	154	751612	19.616	ng/ul	99
44) 2-Chloronaphthalene	13.435	162	597263	18.463	ng/ul	97
45) 2-Nitroaniline	13.640	65	155012	19.038	ng/ul	98
47) Dimethylphthalate	14.010	163	790950	18.722	ng/ul	98
48) 2,6-Dinitrotoluene	14.134	165	167318	21.000	ng/ul	95
50) Acenaphthylene	14.281	152	982493	18.758	ng/ul	98
51) 3-Nitroaniline	14.463	138	154565	23.078	ng/ul#	93
52) Acenaphthene	14.621	153	644658	18.452	ng/ul	98
53) 2,4-Dinitrophenol	14.668	184	74148	17.051	ng/ul	97
55) 4-Nitrophenol	14.774	109	76380	18.506	ng/ul	96
56) Dibenzofuran	14.962	168	973739	19.741	ng/ul	98
57) 2,4-Dinitrotoluene	14.921	165	233233	19.976	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.185	232	232481	20.630	ng/ul#	95
59) Diethylphthalate	15.373	149	764669	18.824	ng/ul	100
61) Fluorene	15.608	166	775272	19.159	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.603	204	412453	18.466	ng/ul	95
63) 4-Nitroaniline	15.626	138	160624	24.480	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.685	198	145631	17.128	ng/ul	96
67) N-Nitrosodiphenylamine	15.814	169	677999	19.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.496	248	273847	17.956	ng/ul	97
69) Hexachlorobenzene	16.613	284	324039	18.317	ng/ul	99
70) Atrazine	16.760	200	264031	18.038	ng/ul	99
71) Pentachlorophenol	16.960	266	158803	16.299	ng/ul	94
72) Phenanthrene	17.353	178	1320904	19.138	ng/ul	98
74) Anthracene	17.442	178	1332584	18.947	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.358	216	349200	18.342	ng/uL	98
76) Pentachlorobenzene	14.880	250	370314	18.516	ng/uL	98
77) Carbazole	17.712	167	1162435	20.012	ng/ul	99
78) Di-n-butylphthalate	18.270	149	1315853	19.215	ng/ul	97
80) Fluoranthene	19.363	202	1595544	19.079	ng/ul	98
82) Pyrene	19.727	202	1690953	19.428	ng/ul	98
83) Butylbenzylphthalate	20.614	149	563705	18.171	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.472	252	621485	21.543	ng/ul	96
85) Benzo(a)anthracene	21.549	228	1630682	18.913	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.455	149	851397	18.386	ng/ul	98
87) Chrysene	21.613	228	1515443	18.711	ng/ul	99
89) Di-n-octyl phthalate	22.641	149	1449243	19.765	ng/ul	100
90) Benzo(b)fluoranthene	23.722	252	1584848	18.589	ng/ul	98
91) Benzo(k)fluoranthene	23.787	252	1558334	17.898	ng/ul	98
93) Benzo(a)pyrene	24.580	252	1412033	17.216	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.323	276	1860755	18.507	ng/ul	98
95) Dibenzo(a,h)anthracene	28.376	278	1526053m	18.603	ng/ul	
96) Benzo(g,h,i)perylene	29.451	276	1482457	18.210	ng/ul	98

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

