

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063902.D
 Acq On : 28 Dec 2024 13:28
 Operator : RC/JU
 Sample : P5326-02MS 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YE680MS

Quant Time: Dec 30 00:49:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	83289	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	348429	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.444	164	253244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	596484	20.000	ng/ul	0.00
79) Chrysene-d12	21.454	240	601623	20.000	ng/ul	# 0.02
88) Perylene-d12	24.474	264	604776	20.000	ng/ul	0.03

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	7932	3.732	ng/uL	0.00
4) Pyridine-d5	3.669	84	75802	11.306	ng/ul	0.00
7) Phenol-d5	6.988	99	89112	11.617	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	232306	43.848	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	195514	39.369	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	166031	27.878	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	122691	49.317	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	139381	49.981	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	260023	48.159	ng/ul	0.00
31) 4-Chloroaniline-d4	10.725	131	219525	32.022	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	852770	49.487	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	952921	48.510	ng/ul	0.00
54) 4-Nitrophenol-d4	14.679	143	30234	12.383	ng/ul	0.01
60) Fluorene-d10	15.437	176	757054	49.689	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.578	200	157671	50.911	ng/ul	0.01
73) Anthracene-d10	17.300	188	1373677	53.565	ng/ul	0.01
81) Pyrene-d10	19.597	212	1645552	52.562	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.274	264	1589301	55.960	ng/ul	0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.293	88	19866	7.898	ng/uL#	1
5) Pyridine	3.686	79	91392	12.726	ng/ul	99
6) Benzaldehyde	6.941	77	164852	35.036	ng/ul	94
8) Phenol	7.012	94	101690	12.439	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.224	93	278439	44.515	ng/ul	96
12) 2-Chlorophenol	7.370	128	211488	42.071	ng/ul	98
13) 2-Methylphenol	8.252	108	199697	33.797	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.316	45	401098	43.195	ng/ul	96
16) Acetophenone	8.616	105	459260	45.465	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.598	70	258393	42.870	ng/ul	92
18) 4-Methylphenol	8.581	108	192556	29.776	ng/ul	96
19) Hexachloroethane	8.869	117	73767	29.865	ng/ul	89
22) Nitrobenzene	8.998	77	379922	45.732	ng/ul	95
23) Isophorone	9.515	82	715733	45.597	ng/ul	99
25) 2-Nitrophenol	9.709	139	145238	50.676	ng/ul	88
26) 2,4-Dimethylphenol	9.779	107	271065	41.681	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.997	93	401396	47.279	ng/ul#	93
29) 2,4-Dichlorophenol	10.249	162	258397	48.165	ng/ul	99
30) Naphthalene	10.637	128	750173	43.063	ng/ul	98
32) 4-Chloroaniline	10.755	127	145850	22.361	ng/ul	95
33) Hexachlorobutadiene	10.919	225	153908	35.312	ng/ul	94
34) Caprolactam	11.513	113	16699m	9.005	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	275864	43.799	ng/ul	94
36) 2-Methylnaphthalene	12.253	142	565782	45.190	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.476	142	576450	45.201	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.629	216	353963	43.661	ng/ul	99
40) Hexachlorocyclopentadiene	12.605	237	52703	16.445	ng/ul	97
41) 2,4,6-Trichlorophenol	12.876	196	232040	50.641	ng/ul	95
42) 2,4,5-Trichlorophenol	12.958	196	240551	50.304	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	812836	48.670	ng/ul	95
44) 2-Chloronaphthalene	13.310	162	636224	47.440	ng/ul	96
45) 2-Nitroaniline	13.522	65	246957	54.974	ng/ul	95
47) Dimethylphthalate	13.898	163	865205	50.098	ng/ul	98
48) 2,6-Dinitrotoluene	14.027	165	179540	55.976	ng/ul#	86
50) Acenaphthylene	14.162	152	1028957	48.852	ng/ul	98
51) 3-Nitroaniline	14.356	138	167106	56.351	ng/ul	87
52) Acenaphthene	14.509	153	724970	48.561	ng/ul	97
53) 2,4-Dinitrophenol	14.580	184	80388	49.043	ng/ul	92
55) 4-Nitrophenol	14.697	109	29766	11.741	ng/ul	97
56) Dibenzofuran	14.844	168	1066380	50.665	ng/ul	97
57) 2,4-Dinitrotoluene	14.820	165	271907	57.052	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.085	232	212062	51.446	ng/ul#	90
59) Diethylphthalate	15.267	149	876819	52.518	ng/ul	97
61) Fluorene	15.496	166	845962	50.336	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.490	204	445144	47.543	ng/ul	96
63) 4-Nitroaniline	15.526	138	192415	64.812	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.596	198	167065	52.363	ng/ul	92
67) N-Nitrosodiphenylamine	15.708	169	749620	51.898	ng/ul	97
68) 4-Bromophenyl-phenylether	16.383	248	309796	50.962	ng/ul	98
69) Hexachlorobenzene	16.513	284	348010	51.097	ng/ul	93
70) Atrazine	16.660	200	321808	52.706	ng/ul	96
71) Pentachlorophenol	16.859	266	141697m	49.344	ng/ul	
72) Phenanthrene	17.241	178	1587538	55.230	ng/ul	98
74) Anthracene	17.335	178	1616489	55.562	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	352899	44.343	ng/ul	95
76) Pentachlorobenzene	14.768	250	375792	47.664	ng/ul	99
77) Carbazole	17.605	167	1441711	61.219	ng/ul	99
78) Di-n-butylphthalate	18.164	149	1721485	60.528	ng/ul	99
80) Fluoranthene	19.262	202	1948504	54.759	ng/ul	97
82) Pyrene	19.627	202	2055051	54.283	ng/ul#	93
83) Butylbenzylphthalate	20.520	149	746785	64.260	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.354	252	571367	52.609	ng/ul	96
85) Benzo(a)anthracene	21.436	228	1985020	52.647	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.348	149	1096811	64.880	ng/ul	99
87) Chrysene	21.495	228	1882547	52.386	ng/ul	97
89) Di-n-octyl phthalate	22.482	149	1872538	71.735	ng/ul	100
90) Benzo(b)fluoranthene	23.522	252	1921539	55.903	ng/ul	99
91) Benzo(k)fluoranthene	23.587	252	1982119	57.810	ng/ul	99
93) Benzo(a)pyrene	24.339	252	1799182	55.766	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.893	276	2279909	57.864	ng/ul	98
95) Dibenzo(a,h)anthracene	27.940	278	1839906	58.359	ng/ul	96
96) Benzo(g,h,i)perylene	28.957	276	1781847	56.990	ng/ul	96

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

