

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061650.D
 Acq On : 22 Jun 2024 15:44
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020531

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Quant Time: Jun 23 02:22:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 21 05:03:55 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	59988	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	304562	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.706	164	217281	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	491544	20.000	ng/u1	0.00
79) Chrysene-d12	21.710	240	417401	20.000	ng/u1	0.00
88) Perylene-d12	24.936	264	499252	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	12508	7.532	ng/uL	0.00
4) Pyridine-d5	3.884	84	96585	19.237	ng/u1	0.00
7) Phenol-d5	7.215	99	130392	20.022	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.403	67	78504	19.338	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	89239	19.969	ng/u1	0.00
15) 4-Methylphenol-d8	8.772	113	100675	19.997	ng/u1	0.00
21) Nitrobenzene-d5	9.242	128	45862	22.177	ng/u1	0.00
24) 2-Nitrophenol-d4	9.965	143	53325	25.460	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	103290	20.827	ng/u1	0.00
31) 4-Chloroaniline-d4	11.017	131	148828	19.821	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	314728	18.823	ng/u1	0.00
49) Acenaphthylene-d8	14.401	160	371811	20.291	ng/u1	0.00
54) 4-Nitrophenol-d4	14.877	143	56073	19.526	ng/u1	0.00
60) Fluorene-d10	15.694	176	292201	19.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	40589	19.311	ng/u1	0.00
73) Anthracene-d10	17.544	188	443388	19.761	ng/u1	0.00
81) Pyrene-d10	19.824	212	473964	20.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.712	264	478596	20.071	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.508	88	14038	6.802	ng/uL#	80
5) Pyridine	3.907	79	99533	18.442	ng/u1	95
6) Benzaldehyde	7.209	77	75713m	23.626	ng/u1	
8) Phenol	7.245	94	139774	20.396	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.497	93	98293	19.056	ng/u1	98
12) 2-Chlorophenol	7.632	128	96689	21.566	ng/u1	97
13) 2-Methylphenol	8.502	108	97402	20.314	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.596	45	214232	20.329	ng/u1#	92
16) Acetophenone	8.901	105	160753	19.392	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.884	70	83333	18.713	ng/u1	95
18) 4-Methylphenol	8.837	108	105534	19.647	ng/u1	97
19) Hexachloroethane	9.160	117	38234	21.268	ng/u1	92
22) Nitrobenzene	9.283	77	128542	21.577	ng/u1	93
23) Isophorone	9.806	82	253009	18.467	ng/u1#	98
25) 2-Nitrophenol	9.994	139	50152	22.899	ng/u1#	78
26) 2,4-Dimethylphenol	10.047	107	126383	20.633	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.294	93	146230	18.868	ng/u1	91
29) 2,4-Dichlorophenol	10.529	162	97487	21.455	ng/u1	98
30) Naphthalene	10.940	128	340529	19.983	ng/u1	97
32) 4-Chloroaniline	11.040	127	139489	18.732	ng/u1	91
33) Hexachlorobutadiene	11.216	225	67022	21.353	ng/u1	97
34) Caprolactam	11.804	113	34691	18.464	ng/u1	92
35) 4-Chloro-3-methylphenol	12.151	107	132048	20.782	ng/u1	95
36) 2-Methylnaphthalene	12.538	142	240251	19.980	ng/u1	100

06/24/2024

 Supervised By :mohammad
 Ahmed

06/24/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.756	142	249583	19.453	ng/ul	94	06/24/2024
39) 1,2,4,5-Tetrachloroben...	12.897	216	130878	21.283	ng/ul	95	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.879	237	50443	13.787	ng/ul#	95	ahmed
41) 2,4,6-Trichlorophenol	13.132	196	88051	22.193	ng/ul	94	
42) 2,4,5-Trichlorophenol	13.202	196	94006	21.739	ng/ul	98	
43) 1,1'-Biphenyl	13.543	154	322815	20.510	ng/ul	97	
44) 2-Chloronaphthalene	13.584	162	248946	20.591	ng/ul	97	06/24/2024
45) 2-Nitroaniline	13.778	65	95914	23.174	ng/ul	99	
47) Dimethylphthalate	14.154	163	310748	18.715	ng/ul	99	
48) 2,6-Dinitrotoluene	14.272	165	63164	22.925	ng/ul#	96	
50) Acenaphthylene	14.424	152	410753	20.081	ng/ul	97	
51) 3-Nitroaniline	14.601	138	64703	22.931	ng/ul#	91	
52) Acenaphthene	14.765	153	286655	20.236	ng/ul	94	
53) 2,4-Dinitrophenol	14.800	184	23794	16.994	ng/ul	89	
55) 4-Nitrophenol	14.889	109	55636	18.761	ng/ul	95	
56) Dibenzofuran	15.100	168	397509	20.053	ng/ul	96	
57) 2,4-Dinitrotoluene	15.053	165	93045	22.750	ng/ul#	96	
58) 2,3,4,6-Tetrachlorophenol	15.317	232	83677	19.734	ng/ul#	95	
59) Diethylphthalate	15.517	149	328774	19.226	ng/ul	93	
61) Fluorene	15.746	166	326440	19.898	ng/ul	91	
62) 4-Chlorophenyl-phenyle...	15.741	204	153523	18.851	ng/ul	97	
63) 4-Nitroaniline	15.758	138	65721	21.986	ng/ul	86	
66) 4,6-Dinitro-2-methylph...	15.811	198	42553	17.874	ng/ul	93	
67) N-Nitrosodiphenylamine	15.952	169	270954	21.316	ng/ul	97	
68) 4-Bromophenyl-phenylether	16.639	248	109560	21.647	ng/ul	93	
69) Hexachlorobenzene	16.739	284	125609	20.451	ng/ul#	92	
70) Atrazine	16.898	200	101780	20.046	ng/ul	95	
71) Pentachlorophenol	17.086	266	72586	19.401	ng/ul	96	
72) Phenanthrene	17.486	178	506017	19.568	ng/ul	99	
74) Anthracene	17.580	178	521335	19.714	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.508	216	129441	23.636	ng/uL	97	
76) Pentachlorobenzene	15.012	250	144264	21.936	ng/uL	90	
77) Carbazole	17.844	167	444703	19.805	ng/ul	98	
78) Di-n-butylphthalate	18.408	149	537463	20.014	ng/ul	99	
80) Fluoranthene	19.489	202	562817	20.805	ng/ul	99	
82) Pyrene	19.853	202	579488	20.146	ng/ul	98	
83) Butylbenzylphthalate	20.741	149	231845	22.137	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.604	252	209170	23.700	ng/ul	96	
85) Benzo(a)anthracene	21.686	228	584077	19.935	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.610	149	333067	21.635	ng/ul	96	
87) Chrysene	21.757	228	552765	19.938	ng/ul	97	
89) Di-n-octyl phthalate	22.838	149	593022	22.521	ng/ul	100	
90) Benzo(b)fluoranthene	23.907	252	597129	19.897	ng/ul	97	
91) Benzo(k)fluoranthene	23.978	252	601794	19.498	ng/ul	98	
93) Benzo(a)pyrene	24.783	252	585023	20.248	ng/ul#	97	
94) Indeno(1,2,3-cd)pyrene	28.608	276	743471m	20.650	ng/ul		
95) Dibenzo(a,h)anthracene	28.684	278	631374m	21.089	ng/ul		
96) Benzo(g,h,i)perylene	29.759	276	590048m	20.330	ng/ul		

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

