

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056089.D
 Acq On : 24 Dec 2022 14:24
 Operator : CG/JU
 Sample : SSTD00541
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005442

Quant Time: Dec 24 21:47:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 18:26:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	20439	20.000	ng/u1	0.00
20) Naphthalene-d8	11.179	136	75633	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.957	164	75516	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.689	188	230842	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.990	240	276295	20.000	ng/u1	# 0.00
88) Perylene-d12	25.462	264	303860	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	855	1.751	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.871	132	5130	4.682	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.516	128	2240	4.066	ng/u1	0.00
24) 2-Nitrophenol-d4	10.245	143	3425	4.759	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.780	165	7451	4.659	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.340	166	27875	4.769	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	32542	4.930	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.938	176	29895	5.182	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.789	188	52617	4.932	ng/u1	0.00
81) Pyrene-d10	20.051	212	73770	4.834	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.221	264	75536	4.891	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.688	88	998m	1.899	ng/uL	
12) 2-Chlorophenol	7.901	128	4977	4.522	ng/u1#	90
17) N-Nitroso-di-n-propyla...	9.146	70	4942	5.057	ng/u1#	96
19) Hexachloroethane	9.446	117	2146	4.849	ng/u1	89
22) Nitrobenzene	9.557	77	6315	4.620	ng/u1#	96
23) Isophorone	10.080	82	15917	5.093	ng/u1	97
25) 2-Nitrophenol	10.280	139	3391	4.881	ng/u1	95
26) 2,4-Dimethylphenol	10.321	107	7958	4.841	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.550	93	8061	4.977	ng/u1#	84
29) 2,4-Dichlorophenol	10.809	162	7322	4.793	ng/u1	97
30) Naphthalene	11.232	128	18749	4.758	ng/u1	96
33) Hexachlorobutadiene	11.502	225	7123	4.976	ng/u1	91
35) 4-Chloro-3-methylphenol	12.413	107	6826	4.651	ng/u1	94
36) 2-Methylnaphthalene	12.807	142	15429	4.883	ng/u1	97
37) 1-Methylnaphthalene	13.030	142	15240	4.788	ng/u1#	82
39) 1,2,4,5-Tetrachloroben...	13.165	216	14974	4.808	ng/u1#	93
41) 2,4,6-Trichlorophenol	13.394	196	8470	4.614	ng/u1	96
42) 2,4,5-Trichlorophenol	13.465	196	9456	4.751	ng/u1	92
43) 1,1'-Biphenyl	13.794	154	25037	4.690	ng/u1#	87
44) 2-Chloronaphthalene	13.841	162	21187	4.788	ng/u1	97
45) 2-Nitroaniline	14.029	65	2958	4.814	ng/u1#	75
47) Dimethylphthalate	14.387	163	28034	4.837	ng/u1#	97
48) 2,6-Dinitrotoluene	14.516	165	5256	4.595	ng/u1#	95
50) Acenaphthylene	14.681	152	31433	4.792	ng/u1	99

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52) Acenaphthene	15.016	153	21357	4.635	ng/ul	89
56) Dibenzofuran	15.351	168	35818	4.966	ng/ul	100
57) 2,4-Dinitrotoluene	15.298	165	7552	4.761	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.568	232	9374	4.765	ng/ul#	87
59) Diethylphthalate	15.738	149	24035	4.642	ng/ul	97
61) Fluorene	15.991	166	29866	5.041	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.979	204	19182	4.984	ng/ul	96
67) N-Nitrosodiphenylamine	16.185	169	26811	4.584	ng/ul	94
68) 4-Bromophenyl-phenylether	16.872	248	13586	4.642	ng/ul	97
69) Hexachlorobenzene	16.996	284	13193	4.658	ng/ul	91
72) Phenanthrene	17.736	178	56778	4.845	ng/ul	100
74) Anthracene	17.824	178	60367	5.032	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.764	216	15965	4.559	ng/uL	90
76) Pentachlorobenzene	15.268	250	15482	4.479	ng/uL	92
78) Di-n-butylphthalate	18.617	149	39879	4.450	ng/ul	96
80) Fluoranthene	19.722	202	84510	4.710	ng/ul#	98
82) Pyrene	20.080	202	90001	4.972	ng/ul	98
83) Butylbenzylphthalate	20.944	149	16301	4.232	ng/ul	92
85) Benzo(a)anthracene	21.972	228	91841	4.870	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.843	149	23939	4.057	ng/ul#	92
87) Chrysene	22.037	228	86838	4.962	ng/ul	97
90) Benzo(b)fluoranthene	24.352	252	98062	4.889	ng/ul	95
91) Benzo(k)fluoranthene	24.422	252	95137m	4.863	ng/ul	
93) Benzo(a)pyrene	25.298	252	85552	4.894	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.458	276	114352m	4.971	ng/ul	
95) Dibenzo(a,h)anthracene	29.511	278	98456m	5.113	ng/ul	
96) Benzo(g,h,i)perylene	30.692	276	94811m	5.132	ng/ul	

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

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