

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022723\
 Data File : BN024103.D
 Acq On : 27 Feb 2023 11:34
 Operator : CG/JU
 Sample : SST00571
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST005238

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 27 14:06:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 27 14:05:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	223751	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	859099	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	500918	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1065399	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1053765	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1210539	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	10901m	1.970	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	7.587	132	71178	4.784	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.234	128	26563	3.873	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	28379	3.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	66717	4.649	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.104	166	184024	4.753	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	222451	5.186	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.686	176	164938	5.060	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.545	188	250079	5.153	ng/u1	0.00
81) Pyrene-d10	19.833	212	291786	4.597	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	291680	4.710	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	11898m	2.033	ng/uL	
12) 2-Chlorophenol	7.622	128	72498	4.793	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	52347	4.181	ng/u1	98
19) Hexachloroethane	9.157	117	29583	4.681	ng/u1	98
22) Nitrobenzene	9.275	77	68570	3.941	ng/u1	98
23) Isophorone	9.798	82	149873	4.681	ng/u1	99
25) 2-Nitrophenol	9.992	139	31319	3.887	ng/u1	98
26) 2,4-Dimethylphenol	10.045	107	76779	4.783	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.287	93	91022	4.577	ng/u1	97
29) 2,4-Dichlorophenol	10.522	162	66475	4.777	ng/u1	95
30) Naphthalene	10.939	128	228868	4.968	ng/u1	98
33) Hexachlorobutadiene	11.228	225	45573	4.567	ng/u1	96
35) 4-Chloro-3-methylphenol	12.145	107	67610	4.623	ng/u1	97
36) 2-Methylnaphthalene	12.539	142	148661	4.793	ng/u1	99
37) 1-Methylnaphthalene	12.757	142	148626	4.710	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.898	216	81459	4.642	ng/u1	97
41) 2,4,6-Trichlorophenol	13.133	196	52337	4.700	ng/u1	93
42) 2,4,5-Trichlorophenol	13.198	196	56187	4.659	ng/u1	95
43) 1,1'-Biphenyl	13.539	154	197387	4.949	ng/u1	98
44) 2-Chloronaphthalene	13.581	162	157339	5.075	ng/u1	98
45) 2-Nitroaniline	13.775	65	22326	2.523	ng/u1	92
47) Dimethylphthalate	14.151	163	186152	4.827	ng/u1	100
48) 2,6-Dinitrotoluene	14.269	165	18027	2.392	ng/u1	95
50) Acenaphthylene	14.422	152	238116	5.215	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.763	153	163537	5.127	ng/u1	99
56) Dibenzofuran	15.098	168	228422	5.062	ng/u1	98
57) 2,4-Dinitrotoluene	15.051	165	25479	2.435	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.316	232	47772	4.554	ng/u1#	96
59) Diethylphthalate	15.516	149	177458	4.713	ng/u1	99
61) Fluorene	15.745	166	188454	5.095	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.739	204	94833	4.874	ng/u1	99
67) N-Nitrosodiphenylamine	15.951	169	153375	4.995	ng/u1	99
68) 4-Bromophenyl-phenylether	16.633	248	57218	4.583	ng/u1	95
69) Hexachlorobenzene	16.745	284	68351	4.792	ng/u1	97
72) Phenanthrene	17.486	178	293710	5.179	ng/u1	99
74) Anthracene	17.580	178	296630	5.224	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.504	216	86018	5.033	ng/uL	95
76) Pentachlorobenzene	15.016	250	80416	4.741	ng/uL	95
78) Di-n-butylphthalate	18.416	149	269569	3.298	ng/u1	98
80) Fluoranthene	19.498	202	334483	4.429	ng/u1	98
82) Pyrene	19.863	202	359858	4.681	ng/u1	99
83) Butylbenzylphthalate	20.762	149	39469	1.310	ng/u1	99
85) Benzo(a)anthracene	21.621	228	350458	4.800	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	72313	1.618	ng/u1	98
87) Chrysene	21.680	228	344962	5.105	ng/u1	97
90) Benzo(b)fluoranthene	23.392	252	366396	4.594	ng/u1	99
91) Benzo(k)fluoranthene	23.451	252	352598	4.640	ng/u1	96
93) Benzo(a)pyrene	24.051	252	322139	4.758	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	425245	4.866	ng/u1	97
95) Dibenzo(a,h)anthracene	26.850	278	353561	4.875	ng/u1	99
96) Benzo(g,h,i)perylene	27.639	276	347112	4.911	ng/u1	96

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

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