

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
 Data File : BN020099.D
 Acq On : 10 Jun 2022 14:17
 Operator : CG/JU
 Sample : N3250-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXYW2MSMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

06/13/2022
 Supervised By :mohammad
 ahmed

Quant Time: Jun 10 22:45:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	153742	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	716095	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	450633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	910796	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	765672	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	698863	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	17875	5.036	ng/uL	0.00
4) Pyridine-d5	3.693	84	97812	10.082	ng/u1	0.00
7) Phenol-d5	6.987	99	97623	7.674	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	275170	34.620	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	282494	27.329	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	198678	18.051	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	196641	36.095	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	208273	36.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	337406	33.429	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	492383	30.124	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1306467	39.845	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1449902	38.130	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	54718	8.328	ng/u1	0.00
60) Fluorene-d10	15.439	176	1046610	38.574	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	213162	40.403	ng/u1	0.00
73) Anthracene-d10	17.286	188	1609769	40.498	ng/u1	0.00
81) Pyrene-d10	19.580	212	1742891	41.989	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1425383	41.685	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.316	88	18215m	4.861	ng/uL	
5) Pyridine	3.711	79	110537	10.868	ng/u1	94
6) Benzaldehyde	6.957	77	283383m	47.275	ng/u1	
8) Phenol	7.016	94	109829	8.107	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.246	93	355080	33.490	ng/u1	99
12) 2-Chlorophenol	7.387	128	288302	26.683	ng/u1	99
13) 2-Methylphenol	8.263	108	221363	21.256	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.351	45	546652	32.879	ng/u1	98
16) Acetophenone	8.640	105	571572	34.148	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	296802	34.712	ng/u1	94
18) 4-Methylphenol	8.593	108	212764	18.511	ng/u1	100
19) Hexachloroethane	8.899	117	135629	31.197	ng/u1	90
22) Nitrobenzene	9.016	77	428165	33.896	ng/u1	95
23) Isophorone	9.540	82	877562	35.186	ng/u1	99
25) 2-Nitrophenol	9.722	139	219457	34.350	ng/u1	97
26) 2,4-Dimethylphenol	9.793	107	353518	26.709	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.022	93	516933	33.869	ng/u1	97
29) 2,4-Dichlorophenol	10.263	162	338390	32.411	ng/u1	98
30) Naphthalene	10.663	128	1245744	33.566	ng/u1	100
32) 4-Chloroaniline	10.769	127	472020	28.872	ng/u1	99
33) Hexachlorobutadiene	10.957	225	189290	31.578	ng/u1	97
34) Caprolactam	11.534	113	19355m	4.747	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	393302	31.903	ng/u1	98
36) 2-Methylnaphthalene	12.275	142	869583	34.658	ng/u1	98

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QLast Update : Mon Jun 06 15:14:59 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	898493	35.091	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.645	216	401766	34.957	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	184542	26.396	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	303360	38.280	ng/ul	95
42) 2,4,5-Trichlorophenol	12.951	196	333255	37.970	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	1193544	35.769	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	916940	36.222	ng/ul	96
45) 2-Nitroaniline	13.522	65	329138	41.794	ng/ul	97
47) Dimethylphthalate	13.910	163	1250889	37.896	ng/ul	98
48) 2,6-Dinitrotoluene	14.028	165	270291	41.881	ng/ul	95
50) Acenaphthylene	14.169	152	1528428	36.305	ng/ul	99
51) 3-Nitroaniline	14.351	138	273733	40.121	ng/ul	96
52) Acenaphthene	14.510	153	1005083	36.550	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	120961	29.275	ng/ul	91
55) 4-Nitrophenol	14.657	109	46864	8.356	ng/ul	96
56) Dibenzofuran	14.845	168	1422724	36.723	ng/ul	94
57) 2,4-Dinitrotoluene	14.810	165	396348	41.478	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.075	232	265714	38.567	ng/ul#	89
59) Diethylphthalate	15.275	149	1330248	39.144	ng/ul	97
61) Fluorene	15.498	166	1113958	36.951	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	503922	36.297	ng/ul	94
63) 4-Nitroaniline	15.510	138	280800	44.044	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	206340	38.575	ng/ul#	91
67) N-Nitrosodiphenylamine	15.704	169	1018381	39.002	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	326882	41.212	ng/ul	96
69) Hexachlorobenzene	16.504	284	356374	39.087	ng/ul#	88
70) Atrazine	16.657	200	367648	40.354	ng/ul	93
71) Pentachlorophenol	16.845	266	195318	34.395	ng/ul	97
72) Phenanthrene	17.233	178	1881546	39.145	ng/ul	99
74) Anthracene	17.322	178	1880739	38.913	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.251	216	443131	36.333	ng/uL	98
76) Pentachlorobenzene	14.775	250	427255	39.636	ng/uL	95
77) Carbazole	17.592	167	1786367	40.628	ng/ul	97
78) Di-n-butylphthalate	18.163	149	2290553	42.011	ng/ul	99
80) Fluoranthene	19.251	202	2126387	42.416	ng/ul	100
82) Pyrene	19.610	202	2124537	41.307	ng/ul#	94
83) Butylbenzylphthalate	20.516	149	1068012	46.141	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.298	252	537320	36.742	ng/ul	98
85) Benzo(a)anthracene	21.363	228	1895057	39.195	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.304	149	1474341	45.144	ng/ul	98
87) Chrysene	21.416	228	1856889	39.256	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	2639049	46.396	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	1833916	41.811	ng/ul#	97
91) Benzo(k)fluoranthene	23.051	252	1718796	41.165	ng/ul	97
93) Benzo(a)pyrene	23.610	252	1694223	39.904	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.098	276	1632522	37.372	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.121	278	1377950	36.931	ng/ul	95
96) Benzo(g,h,i)perylene	26.833	276	1376599	37.317	ng/ul#	92

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

