

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060622\
 Data File : BN020020.D
 Acq On : 06 Jun 2022 13:21
 Operator : CG/JU
 Sample : SSTD04020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD040220

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2022
 Supervised By :mohammad ahmed 06/09/2022

Quant Time: Jun 06 14:38:41 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 06 14:35:54 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	137022	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	620760	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	391296	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	818571	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	734708	20.000	ng/u1	0.00
88) Perylene-d12	23.722	264	752046	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	52696	14.513	ng/uL	0.00
4) Pyridine-d5	3.687	84	368405	40.068	ng/u1	0.00
7) Phenol-d5	6.993	99	488439	41.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	302984	43.990	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	407078	43.220	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	429629	47.231	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	214467	47.385	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	234406	52.553	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	398720	44.657	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	617202	45.537	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1234610	45.937	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	1444844	39.760	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	252965	48.396	ng/u1	0.00
60) Fluorene-d10	15.446	176	1009667	42.557	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	210577	50.391	ng/u1	0.00
73) Anthracene-d10	17.292	188	1507902	39.116	ng/u1	0.00
81) Pyrene-d10	19.586	212	1719325	40.703	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.569	264	1588509	41.320	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	55578	15.009	ng/uL	95
5) Pyridine	3.705	79	390433	40.298	ng/u1	92
6) Benzaldehyde	6.964	77	268542	44.125	ng/u1	92
8) Phenol	7.017	94	519364	43.466	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.246	93	407001	43.900	ng/u1	96
12) 2-Chlorophenol	7.387	128	419703	43.879	ng/u1	98
13) 2-Methylphenol	8.264	108	404611	45.734	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.358	45	644015	48.334	ng/u1	98
16) Acetophenone	8.640	105	645340	47.276	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.634	70	335418	52.797	ng/u1	93
18) 4-Methylphenol	8.599	108	447034	47.193	ng/u1	98
19) Hexachloroethane	8.905	117	167599	43.223	ng/u1	89
22) Nitrobenzene	9.016	77	481867	45.156	ng/u1	97
23) Isophorone	9.546	82	972093	51.077	ng/u1	99
25) 2-Nitrophenol	9.728	139	253728	50.375	ng/u1	97
26) 2,4-Dimethylphenol	9.793	107	502450	44.781	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	577193	46.120	ng/u1	98
29) 2,4-Dichlorophenol	10.263	162	402312	44.942	ng/u1	98
30) Naphthalene	10.663	128	1364584	41.046	ng/u1	100
32) 4-Chloroaniline	10.769	127	612918	44.991	ng/u1	97
33) Hexachlorobutadiene	10.963	225	220537	41.065	ng/u1	98
34) Caprolactam	11.528	113	154979m	61.216	ng/u1	
35) 4-Chloro-3-methylphenol	11.899	107	483894	51.071	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	942957	44.071	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	944656	44.101	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.652	216	442149	40.723	ng/ul	96
40) Hexachlorocyclopentadiene	12.634	237	273533	40.944	ng/ul	100
41) 2,4,6-Trichlorophenol	12.887	196	316808	46.775	ng/ul	90
42) 2,4,5-Trichlorophenol	12.957	196	346571	47.127	ng/ul	96
43) 1,1'-Biphenyl	13.287	154	1260392	40.740	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	951011	40.234	ng/ul	97
45) 2-Nitroaniline	13.528	65	322745	56.900	ng/ul	95
47) Dimethylphthalate	13.910	163	1236009	46.310	ng/ul	98
48) 2,6-Dinitrotoluene	14.028	165	263219	57.169	ng/ul	97
50) Acenaphthylene	14.175	152	1557374	41.715	ng/ul	98
51) 3-Nitroaniline	14.351	138	270746	57.370	ng/ul	98
52) Acenaphthene	14.516	153	1020707	41.774	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	161625	63.283	ng/ul	97
55) 4-Nitrophenol	14.663	109	213450	51.391	ng/ul	99
56) Dibenzofuran	14.851	168	1410655	41.330	ng/ul	95
57) 2,4-Dinitrotoluene	14.816	165	373956	55.855	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.081	232	265142	49.430	ng/ul	93
59) Diethylphthalate	15.281	149	1276261	48.617	ng/ul	98
61) Fluorene	15.498	166	1091231	41.185	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	496842	41.473	ng/ul	90
63) 4-Nitroaniline	15.516	138	260516	64.409	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.581	198	214986	50.581	ng/ul	95
67) N-Nitrosodiphenylamine	15.710	169	1006676	40.080	ng/ul	98
68) 4-Bromophenyl-phenylether	16.387	248	305735	39.758	ng/ul	90
69) Hexachlorobenzene	16.504	284	346428	40.051	ng/ul#	91
70) Atrazine	16.663	200	367035	45.810	ng/ul	98
71) Pentachlorophenol	16.845	266	228296	43.492	ng/ul	97
72) Phenanthrene	17.234	178	1798868	39.324	ng/ul	100
74) Anthracene	17.328	178	1806605	39.535	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	468842	37.155	ng/ul	98
76) Pentachlorobenzene	14.775	250	413983	37.660	ng/ul	97
77) Carbazole	17.592	167	1751557	42.163	ng/ul	98
78) Di-n-butylphthalate	18.169	149	2196192	49.421	ng/ul	100
80) Fluoranthene	19.251	202	2059191	41.356	ng/ul	96
82) Pyrene	19.616	202	2050448	39.534	ng/ul#	93
83) Butylbenzylphthalate	20.522	149	1027451	53.555	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.304	252	656936	44.522	ng/ul#	99
85) Benzo(a)anthracene	21.369	228	1941288	41.254	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	1414845	48.064	ng/ul	100
87) Chrysene	21.422	228	1916933	41.472	ng/ul	98
89) Di-n-octyl phthalate	22.210	149	2616492	50.821	ng/ul	100
90) Benzo(b)fluoranthene	23.016	252	2002717	41.165	ng/ul	96
91) Benzo(k)fluoranthene	23.057	252	1930728	43.751	ng/ul	96
93) Benzo(a)pyrene	23.622	252	1947447	42.152	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.121	276	1963726	37.090	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.133	278	1684560	37.210	ng/ul	97
96) Benzo(g,h,i)perylene	26.851	276	1684922	36.181	ng/ul#	93

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

