

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011524\
 Data File : BN029234.D
 Acq On : 15 Jan 2024 13:41
 Operator : MA/JU
 Sample : SSTD01003
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010226

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 16 03:52:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 15 15:04:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	110747	20.000	ng/u1	0.00
20) Naphthalene-d8	10.745	136	491824	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	337954	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	783030	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	834960	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	1020915	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	10536	4.142	ng/uL	0.00
4) Pyridine-d5	3.787	84	73804	8.908	ng/u1	0.00
7) Phenol-d5	7.104	99	91280	8.483	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	61747	9.127	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	69058	9.068	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	71844	8.123	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	31809	9.345	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	23515	8.514	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	68323	9.326	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	124047	9.084	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	268674	9.821	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	296873	9.362	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	36359	7.972	ng/u1	0.00
60) Fluorene-d10	15.575	176	225868	9.518	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	18406	6.221	ng/u1	0.00
73) Anthracene-d10	17.433	188	372298	9.426	ng/u1	0.00
81) Pyrene-d10	19.727	212	439986	9.315	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	483956	8.986	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	10357	3.946	ng/uL	96
5) Pyridine	3.805	79	75236	8.912	ng/u1	93
6) Benzaldehyde	7.087	77	55379m	11.374	ng/u1	
8) Phenol	7.128	94	93694	8.524	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.381	93	80211	9.002	ng/u1	96
12) 2-Chlorophenol	7.504	128	74716	9.487	ng/u1	98
13) 2-Methylphenol	8.387	108	69703	8.201	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.475	45	105000	9.082	ng/u1	99
16) Acetophenone	8.775	105	131851	8.769	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	72429	8.944	ng/u1	98
18) 4-Methylphenol	8.716	108	76497	8.341	ng/u1	96
19) Hexachloroethane	9.016	117	34450	9.748	ng/u1	94
22) Nitrobenzene	9.151	77	92378	9.852	ng/u1	98
23) Isophorone	9.675	82	203259	9.459	ng/u1	99
25) 2-Nitrophenol	9.863	139	28692	8.770	ng/u1	92
26) 2,4-Dimethylphenol	9.922	107	88773	9.542	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.169	93	115032	9.674	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	66846	9.324	ng/u1	96
30) Naphthalene	10.798	128	274226	9.812	ng/u1	100
32) 4-Chloroaniline	10.910	127	120002	9.099	ng/u1	96
33) Hexachlorobutadiene	11.075	225	49886	10.014	ng/u1	96
34) Caprolactam	11.681	113	26056	8.544	ng/u1	86
35) 4-Chloro-3-methylphenol	12.028	107	80427	9.188	ng/u1	99
36) 2-Methylnaphthalene	12.410	142	190758	9.574	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	189388	9.591	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	100389	9.587	ng/ul	96
40) Hexachlorocyclopentadiene	12.745	237	56953	9.216	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.016	196	51081	8.783	ng/ul	96
42) 2,4,5-Trichlorophenol	13.081	196	58548	9.181	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	258258	9.488	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	201952	9.591	ng/ul	95
45) 2-Nitroaniline	13.669	65	46947	9.039	ng/ul	98
47) Dimethylphthalate	14.051	163	269883	9.674	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	37900	8.944	ng/ul	92
50) Acenaphthylene	14.304	152	341629	9.308	ng/ul	99
51) 3-Nitroaniline	14.492	138	39546	8.419	ng/ul#	98
52) Acenaphthene	14.645	153	227601	9.571	ng/ul	97
53) 2,4-Dinitrophenol	14.692	184	11341	6.654	ng/ul	96
55) 4-Nitrophenol	14.792	109	35878	8.727	ng/ul	98
56) Dibenzofuran	14.980	168	306705	9.469	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	56122	9.101	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	46810	9.071	ng/ul	97
59) Diethylphthalate	15.416	149	284426	9.855	ng/ul	99
61) Fluorene	15.633	166	263314	9.385	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.633	204	131125	9.640	ng/ul	99
63) 4-Nitroaniline	15.651	138	43477	9.564	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	21957	6.394	ng/ul	92
67) N-Nitrosodiphenylamine	15.845	169	223455	9.349	ng/ul	98
68) 4-Bromophenyl-phenylether	16.527	248	82097	9.378	ng/ul	99
69) Hexachlorobenzene	16.622	284	101579	9.987	ng/ul#	93
70) Atrazine	16.804	200	80871	9.092	ng/ul	95
71) Pentachlorophenol	16.974	266	41205	7.894	ng/ul	91
72) Phenanthrene	17.374	178	422556	9.390	ng/ul	100
74) Anthracene	17.469	178	448804	9.605	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	98478	9.315	ng/uL	92
76) Pentachlorobenzene	14.892	250	103657	9.511	ng/uL	96
77) Carbazole	17.739	167	400404	9.139	ng/ul	98
78) Di-n-butylphthalate	18.321	149	483796	9.214	ng/ul	100
80) Fluoranthene	19.392	202	523328	9.292	ng/ul	98
82) Pyrene	19.757	202	549202	9.280	ng/ul	99
83) Butylbenzylphthalate	20.680	149	194291	8.408	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	179993	9.118	ng/ul	95
85) Benzo(a)anthracene	21.515	228	593981	9.572	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	336977	8.943	ng/ul	100
87) Chrysene	21.568	228	541782	9.576	ng/ul	98
89) Di-n-octyl phthalate	22.421	149	530309	7.404	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	598403	8.894	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	607603	9.407	ng/ul	95
93) Benzo(a)pyrene	23.833	252	565977	9.113	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.450	276	705065	9.542	ng/ul	94
95) Dibenzo(a,h)anthracene	26.468	278	597064	9.800	ng/ul	97
96) Benzo(g,h,i)perylene	27.203	276	589207	10.213	ng/ul	97

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

