

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120224\
 Data File : BN035390.D
 Acq On : 02 Dec 2024 18:17
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV237

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 02 22:38:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	69958	20.000	ng/u1	0.00
20) Naphthalene-d8	10.052	136	309819	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.963	164	243465	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	546464	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	562744	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	666807	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	11267	7.610	ng/uL	0.00
4) Pyridine-d5	3.340	84	82502	21.140	ng/u1	0.00
7) Phenol-d5	6.505	99	103254	20.718	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	63419	22.818	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	85360	20.212	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	89527	20.613	ng/u1	0.00
21) Nitrobenzene-d5	8.440	128	41812	20.772	ng/u1	0.00
24) 2-Nitrophenol-d4	9.152	143	47531	20.401	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.687	165	103194	20.266	ng/u1	0.00
31) 4-Chloroaniline-d4	10.199	131	135174	21.499	ng/u1	0.00
46) Dimethylphthalate-d6	13.393	166	362346	20.727	ng/u1	0.00
49) Acenaphthylene-d8	13.646	160	387938	20.150	ng/u1	0.00
54) 4-Nitrophenol-d4	14.198	143	60873	21.146	ng/u1	0.00
60) Fluorene-d10	14.969	176	297215	19.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	58670	20.358	ng/u1	0.00
73) Anthracene-d10	16.828	188	484755	20.112	ng/u1	0.00
81) Pyrene-d10	19.151	212	587543	19.768	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	658419	20.391	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	2.993	88	11733	7.068	ng/uL#	93
5) Pyridine	3.358	79	74438	19.021	ng/u1	100
6) Benzaldehyde	6.464	77	52242	19.434	ng/u1	97
8) Phenol	6.528	94	104248	20.197	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.752	93	83832	20.746	ng/u1	97
12) 2-Chlorophenol	6.875	128	87861	19.991	ng/u1	98
13) 2-Methylphenol	7.752	108	83199	20.760	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.828	45	65715	20.576	ng/u1	99
16) Acetophenone	8.116	105	147077	21.443	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.111	70	68653	21.053	ng/u1	98
18) 4-Methylphenol	8.081	108	91915	20.640	ng/u1	99
19) Hexachloroethane	8.352	117	36860	19.630	ng/u1	98
22) Nitrobenzene	8.481	77	103385	20.448	ng/u1	100
23) Isophorone	9.005	82	204406	20.175	ng/u1	98
25) 2-Nitrophenol	9.181	139	53156	20.138	ng/u1	99
26) 2,4-Dimethylphenol	9.263	107	91834	17.357	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.499	93	120894	19.588	ng/u1	98
29) 2,4-Dichlorophenol	9.710	162	100720	19.548	ng/u1	95
30) Naphthalene	10.099	128	305814	19.423	ng/u1	100
32) 4-Chloroaniline	10.222	127	132910	22.066	ng/u1	99
33) Hexachlorobutadiene	10.393	225	70386	19.357	ng/u1	98
34) Caprolactam	10.993	113	31839m	21.387	ng/u1	
35) 4-Chloro-3-methylphenol	11.363	107	109363	20.376	ng/u1	98
36) 2-Methylnaphthalene	11.728	142	239954	20.465	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	11.951	142	226636	18.855	ng/ul	98	12/03/2024
39) 1,2,4,5-Tetrachloroben...	12.110	216	138906	19.360	ng/ul	98	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.093	237	65962	18.300	ng/ul	90	ahmed
41) 2,4,6-Trichlorophenol	12.369	196	93164	20.023	ng/ul	97	
42) 2,4,5-Trichlorophenol	12.440	196	100810	19.446	ng/ul	99	
43) 1,1'-Biphenyl	12.781	154	330062	19.643	ng/ul	98	
44) 2-Chloronaphthalene	12.810	162	264144	19.654	ng/ul	99	12/05/2024
45) 2-Nitroaniline	13.034	65	58446	22.126	ng/ul	98	
47) Dimethylphthalate	13.440	163	345300	19.744	ng/ul	99	
48) 2,6-Dinitrotoluene	13.551	165	70583	24.214	ng/ul	95	
50) Acenaphthylene	13.675	152	415883	20.324	ng/ul	99	
51) 3-Nitroaniline	13.881	138	69510	23.025	ng/ul	95	
52) Acenaphthene	14.028	153	287282	19.505	ng/ul	98	
53) 2,4-Dinitrophenol	14.093	184	39421	19.361	ng/ul	97	
55) 4-Nitrophenol	14.210	109	57528	21.159	ng/ul	95	
56) Dibenzofuran	14.369	168	416938	19.910	ng/ul	98	
57) 2,4-Dinitrotoluene	14.351	165	100322	21.689	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	14.604	232	94955m	21.026	ng/ul		
59) Diethylphthalate	14.834	149	339475	19.861	ng/ul	99	
61) Fluorene	15.028	166	329904	19.556	ng/ul	96	
62) 4-Chlorophenyl-phenyle...	15.034	204	168465	19.544	ng/ul	97	
63) 4-Nitroaniline	15.057	138	73964	25.263	ng/ul	99	
66) 4,6-Dinitro-2-methylph...	15.122	198	65319	20.918	ng/ul	100	
67) N-Nitrosodiphenylamine	15.251	169	299458	20.627	ng/ul	97	
68) 4-Bromophenyl-phenylether	15.934	248	110153	19.932	ng/ul	99	
69) Hexachlorobenzene	16.034	284	128369	19.568	ng/ul	98	
70) Atrazine	16.228	200	106388	20.518	ng/ul	99	
71) Pentachlorophenol	16.387	266	86389	20.742	ng/ul	95	
72) Phenanthrene	16.769	178	549185	19.519	ng/ul	99	
74) Anthracene	16.863	178	559109	19.682	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	12.734	216	134351	18.543	ng/uL	98	
76) Pentachlorobenzene	14.287	250	144646	19.393	ng/uL	97	
77) Carbazole	17.139	167	515454	21.806	ng/ul	98	
78) Di-n-butylphthalate	17.739	149	566768	20.597	ng/ul	100	
80) Fluoranthene	18.810	202	680079	19.496	ng/ul	100	
82) Pyrene	19.181	202	722147	19.304	ng/ul	98	
83) Butylbenzylphthalate	20.133	149	216351	20.519	ng/ul	97	
84) 3,3'-Dichlorobenzidine	20.910	252	243823	24.301	ng/ul	99	
85) Benzo(a)anthracene	20.963	228	735386	19.466	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	20.939	149	348895	20.986	ng/ul	99	
87) Chrysene	21.022	228	693297	19.046	ng/ul	99	
89) Di-n-octyl phthalate	21.969	149	600461	19.810	ng/ul	100	
90) Benzo(b)fluoranthene	22.822	252	775431	20.175	ng/ul	99	
91) Benzo(k)fluoranthene	22.874	252	744380	18.913	ng/ul	98	
93) Benzo(a)pyrene	23.533	252	731494	20.278	ng/ul	100	
94) Indeno(1,2,3-cd)pyrene	26.604	276	854818	19.866	ng/ul	99	
95) Dibenzo(a,h)anthracene	26.657	278	690074	19.793	ng/ul	99	
96) Benzo(g,h,i)perylene	27.509	276	617444	18.906	ng/ul	98	

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

