

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031147.D
 Acq On : 23 Apr 2024 08:43
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020375

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 09:45:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	108488	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	485951	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	335438	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	765839	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	980291	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1306910	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	17661	7.606	ng/uL	0.00
4) Pyridine-d5	3.552	84	134051	20.045	ng/u1	0.00
7) Phenol-d5	6.805	99	180579	19.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	104616	19.648	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	144630	20.297	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	149548	19.431	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	74121	21.229	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	79983	22.038	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	150596	21.041	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	230283	20.589	ng/u1	-0.01
46) Dimethylphthalate-d6	13.693	166	464352	19.893	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	559791	21.163	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	101907	20.917	ng/u1	0.00
60) Fluorene-d10	15.275	176	426299	20.979	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	69631	18.021	ng/u1	0.00
73) Anthracene-d10	17.128	188	723013	21.781	ng/u1	0.00
81) Pyrene-d10	19.428	212	958276	19.893	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1294266	20.884	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	18556	7.540	ng/uL	97
5) Pyridine	3.570	79	140195	20.775	ng/u1	99
6) Benzaldehyde	6.781	77	107694	23.966	ng/u1	96
8) Phenol	6.834	94	189976	20.135	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.064	93	149765	20.117	ng/u1	98
12) 2-Chlorophenol	7.193	128	151337	20.432	ng/u1	98
13) 2-Methylphenol	8.075	108	143066	19.566	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	192057	19.787	ng/u1	100
16) Acetophenone	8.452	105	238314	19.985	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	113431	19.084	ng/u1	98
18) 4-Methylphenol	8.399	108	158684	19.375	ng/u1	96
19) Hexachloroethane	8.699	117	61849	20.124	ng/u1	95
22) Nitrobenzene	8.828	77	175009	21.237	ng/u1	96
23) Isophorone	9.346	82	330170	19.633	ng/u1	99
25) 2-Nitrophenol	9.534	139	85544	21.304	ng/u1	96
26) 2,4-Dimethylphenol	9.593	107	168861	20.620	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	204455	20.016	ng/u1	99
29) 2,4-Dichlorophenol	10.057	162	151777	21.232	ng/u1	99
30) Naphthalene	10.457	128	533937	21.201	ng/u1	99
32) 4-Chloroaniline	10.575	127	226305	20.824	ng/u1	98
33) Hexachlorobutadiene	10.734	225	93637	21.486	ng/u1	95
34) Caprolactam	11.352	113	53053	18.836	ng/u1	96
35) 4-Chloro-3-methylphenol	11.704	107	170529	20.574	ng/u1	97
36) 2-Methylnaphthalene	12.075	142	365812	20.597	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	372258	20.714	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.451	216	188825	21.513	ng/ul	100
40) Hexachlorocyclopentadiene	12.422	237	78726	16.328	ng/ul	98
41) 2,4,6-Trichlorophenol	12.699	196	119348	20.428	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	131827	20.351	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	482759	20.926	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	388953	21.099	ng/ul	97
45) 2-Nitroaniline	13.363	65	108585	21.336	ng/ul	97
47) Dimethylphthalate	13.740	163	483930	20.096	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	91612	20.267	ng/ul	96
50) Acenaphthylene	13.998	152	652886	21.130	ng/ul	100
51) 3-Nitroaniline	14.193	138	111827	21.549	ng/ul	91
52) Acenaphthene	14.340	153	431315	21.058	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	39159	15.318	ng/ul	92
55) 4-Nitrophenol	14.504	109	83064	21.008	ng/ul	98
56) Dibenzofuran	14.681	168	589600	20.819	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	147610	21.491	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	118621	21.189	ng/ul	98
59) Diethylphthalate	15.110	149	501091	20.234	ng/ul	100
61) Fluorene	15.328	166	488744	20.971	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	234136	21.092	ng/ul	98
63) 4-Nitroaniline	15.357	138	132632	23.705	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.410	198	79556	19.176	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	417257	20.327	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	145611	20.105	ng/ul	95
69) Hexachlorobenzene	16.328	284	170566	20.428	ng/ul	99
70) Atrazine	16.498	200	150929	20.943	ng/ul	98
71) Pentachlorophenol	16.675	266	115467	21.285	ng/ul	97
72) Phenanthrene	17.069	178	848254	20.941	ng/ul	99
74) Anthracene	17.163	178	884261	21.571	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	188922	21.031	ng/uL	99
76) Pentachlorobenzene	14.593	250	191375	20.631	ng/uL	95
77) Carbazole	17.434	167	848984	22.673	ng/ul	99
78) Di-n-butylphthalate	18.004	149	952531	20.870	ng/ul	99
80) Fluoranthene	19.092	202	1119884	19.643	ng/ul	99
82) Pyrene	19.457	202	1214082	20.268	ng/ul	99
83) Butylbenzylphthalate	20.375	149	521930	19.746	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	447915	21.929	ng/ul	90
85) Benzo(a)anthracene	21.245	228	1423445	21.383	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.175	149	807998	20.360	ng/ul	100
87) Chrysene	21.310	228	1321476	20.913	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	1543829	20.494	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	1524595	20.733	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1609053	21.756	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1532798	20.895	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.410	276	1747994	19.202	ng/ul	96
95) Dibenzo(a,h)anthracene	27.474	278	1468159	19.650	ng/ul	99
96) Benzo(g,h,i)perylene	28.427	276	1384751m	18.890	ng/ul	

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

