

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023234.D
 Acq On : 16 Dec 2022 10:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020372

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 21:42:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	295386	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1404146	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	923608	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2104125	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	2033489	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	2225472	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	56520	7.916	ng/uL	0.00
4) Pyridine-d5	3.775	84	405054	19.219	ng/u1	0.00
7) Phenol-d5	7.157	99	529753	19.283	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	321338	20.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	419706	20.274	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	435830	19.759	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	217497	20.048	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	230809	20.200	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	437250	20.270	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	704066	20.285	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1388671	20.063	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1589846	20.482	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	293531	18.988	ng/u1	0.00
60) Fluorene-d10	15.639	176	1195304	20.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	234805	18.957	ng/u1	0.00
73) Anthracene-d10	17.498	188	1939689	20.570	ng/u1	0.00
81) Pyrene-d10	19.792	212	2325585	21.024	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	2227167	20.417	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	58422	7.896	ng/uL	99
5) Pyridine	3.793	79	421565	19.576	ng/u1	99
6) Benzaldehyde	7.134	77	208060	21.143	ng/u1	98
8) Phenol	7.181	94	542036	19.532	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	434864	20.176	ng/u1	99
12) 2-Chlorophenol	7.557	128	433443	20.386	ng/u1	99
13) 2-Methylphenol	8.446	108	414901	19.650	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.540	45	558682	20.466	ng/u1	99
16) Acetophenone	8.834	105	696958	20.883	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.822	70	353821	21.172	ng/u1	100
18) 4-Methylphenol	8.781	108	470640	20.086	ng/u1	99
19) Hexachloroethane	9.093	117	167696	20.479	ng/u1	94
22) Nitrobenzene	9.216	77	522112	20.071	ng/u1	98
23) Isophorone	9.746	82	999368	20.367	ng/u1	100
25) 2-Nitrophenol	9.934	139	255782	20.524	ng/u1	99
26) 2,4-Dimethylphenol	9.987	107	511271	20.267	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	625353	19.924	ng/u1	100
29) 2,4-Dichlorophenol	10.463	162	438451	20.541	ng/u1	98
30) Naphthalene	10.869	128	1515387	20.201	ng/u1	100
32) 4-Chloroaniline	10.981	127	703170	20.306	ng/u1	99
33) Hexachlorobutadiene	11.157	225	250582	20.592	ng/u1	96
34) Caprolactam	11.757	113	154999m	18.676	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	501723	20.752	ng/u1	96
36) 2-Methylnaphthalene	12.481	142	1035532	20.482	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	1064680	20.435	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.845	216	535341	20.493	ng/u1	98
40) Hexachlorocyclopentadiene	12.828	237	306368	19.497	ng/u1	96
41) 2,4,6-Trichlorophenol	13.087	196	362498	20.174	ng/u1	98
42) 2,4,5-Trichlorophenol	13.151	196	405191	20.374	ng/u1	98
43) 1,1'-Biphenyl	13.487	154	1391606	19.940	ng/u1	98
44) 2-Chloronaphthalene	13.528	162	1111984	20.460	ng/u1	98
45) 2-Nitroaniline	13.734	65	321461	20.411	ng/u1	100
47) Dimethylphthalate	14.110	163	1402636	20.083	ng/u1	99
48) 2,6-Dinitrotoluene	14.228	165	289823	21.433	ng/u1	98
50) Acenaphthylene	14.375	152	1749836	20.500	ng/u1	98
51) 3-Nitroaniline	14.557	138	264331	19.198	ng/u1	94
52) Acenaphthene	14.716	153	1209577	20.383	ng/u1	99
53) 2,4-Dinitrophenol	14.757	184	148442	17.228	ng/u1	97
55) 4-Nitrophenol	14.857	109	216514	18.937	ng/u1	98
56) Dibenzofuran	15.051	168	1663369	20.132	ng/u1	99
57) 2,4-Dinitrotoluene	15.010	165	427456	21.416	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.275	232	349440	20.295	ng/u1	98
59) Diethylphthalate	15.469	149	1403997	20.208	ng/u1	99
61) Fluorene	15.698	166	1361915	20.356	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.692	204	652051	20.334	ng/u1	98
63) 4-Nitroaniline	15.722	138	252652	18.843	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.775	198	233432	19.304	ng/u1	99
67) N-Nitrosodiphenylamine	15.904	169	1178462	20.237	ng/u1	99
68) 4-Bromophenyl-phenylether	16.586	248	412557	20.320	ng/u1	98
69) Hexachlorobenzene	16.704	284	498192	20.988	ng/u1	96
70) Atrazine	16.857	200	432899	20.343	ng/u1	98
71) Pentachlorophenol	17.045	266	309176	19.725	ng/u1	95
72) Phenanthrene	17.439	178	2265722	20.350	ng/u1	99
74) Anthracene	17.533	178	2275579	20.484	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	539003	20.599	ng/uL	98
76) Pentachlorobenzene	14.969	250	548852	20.699	ng/uL	98
77) Carbazole	17.804	167	2119485	20.719	ng/u1	99
78) Di-n-butylphthalate	18.363	149	2508259	20.650	ng/u1	100
80) Fluoranthene	19.457	202	2703532	21.014	ng/u1	98
82) Pyrene	19.822	202	2821145	20.875	ng/u1	98
83) Butylbenzylphthalate	20.716	149	1182897	21.151	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.504	252	906206	20.279	ng/u1	99
85) Benzo(a)anthracene	21.568	228	2800255	20.554	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.492	149	1707036	21.587	ng/u1	99
87) Chrysene	21.627	228	2647658	20.593	ng/u1	99
89) Di-n-octyl phthalate	22.439	149	2985484	22.152	ng/u1	100
90) Benzo(b)fluoranthene	23.286	252	2875827	20.488	ng/u1	100
91) Benzo(k)fluoranthene	23.339	252	2757364	20.642	ng/u1	100
93) Benzo(a)pyrene	23.933	252	2415404	20.023	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.609	276	2872092	18.794	ng/u1	100
95) Dibenzo(a,h)anthracene	26.633	278	2391325	19.191	ng/u1	99
96) Benzo(g,h,i)perylene	27.409	276	2243210	18.552	ng/u1	98

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

