

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033848.D
 Acq On : 10 Sep 2024 19:20
 Operator : JU/RC
 Sample : SSTD04083
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040220

Quant Time: Sep 11 01:48:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:28:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	198044	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	878140	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.139	164	565336	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	1222647	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	1176889	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1419070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	78039	16.076	ng/uL	0.00
4) Pyridine-d5	3.505	84	578946	39.305	ng/u1	0.00
7) Phenol-d5	6.693	99	699032	38.483	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.851	67	443137	38.046	ng/u1	0.00
11) 2-Chlorophenol-d4	7.040	132	571643	41.744	ng/u1	0.00
15) 4-Methylphenol-d8	8.216	113	584008	38.880	ng/u1	0.00
21) Nitrobenzene-d5	8.646	128	292447	43.757	ng/u1	0.00
24) 2-Nitrophenol-d4	9.357	143	314536	53.447	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.893	165	564769	43.107	ng/u1	0.00
31) 4-Chloroaniline-d4	10.404	131	825186	37.779	ng/u1	0.00
46) Dimethylphthalate-d6	13.569	166	1708318	39.707	ng/u1	0.00
49) Acenaphthylene-d8	13.833	160	1970862	40.915	ng/u1	0.00
54) 4-Nitrophenol-d4	14.369	143	357926	43.053	ng/u1	0.00
60) Fluorene-d10	15.145	176	1449960	39.296	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.275	200	296309	51.457	ng/u1	0.00
73) Anthracene-d10	16.998	188	2305631	39.774	ng/u1	0.00
81) Pyrene-d10	19.304	212	2653665	40.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	2990567	40.531	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	82906	16.277	ng/uL	96
5) Pyridine	3.522	79	595863	39.351	ng/u1	99
6) Benzaldehyde	6.657	77	411809	43.630	ng/u1	97
8) Phenol	6.722	94	729404	38.213	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.946	93	581292	38.244	ng/u1	98
12) 2-Chlorophenol	7.075	128	576137	40.328	ng/u1	99
13) 2-Methylphenol	7.946	108	549812	38.074	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.022	45	857389	34.749	ng/u1	99
16) Acetophenone	8.316	105	927787	38.033	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.316	70	462827	37.128	ng/u1	99
18) 4-Methylphenol	8.275	108	614958	38.043	ng/u1	98
19) Hexachloroethane	8.557	117	245926	41.195	ng/u1	99
22) Nitrobenzene	8.687	77	711788	42.355	ng/u1	98
23) Isophorone	9.216	82	1323317	38.804	ng/u1	99
25) 2-Nitrophenol	9.387	139	342086	49.811	ng/u1	98
26) 2,4-Dimethylphenol	9.463	107	661285	40.680	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.698	93	805777	38.153	ng/u1	99
29) 2,4-Dichlorophenol	9.916	162	565245	41.714	ng/u1	98
30) Naphthalene	10.310	128	1919581	39.206	ng/u1	100
32) 4-Chloroaniline	10.428	127	801520	37.522	ng/u1	100
33) Hexachlorobutadiene	10.604	225	356596	42.101	ng/u1	97
34) Caprolactam	11.216	113	202478m	37.416	ng/u1	
35) 4-Chloro-3-methylphenol	11.569	107	663051	42.535	ng/u1	98
36) 2-Methylnaphthalene	11.934	142	1304939	37.869	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	1339798	38.468	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.310	216	662224	40.911	ng/ul	97
40) Hexachlorocyclopentadiene	12.292	237	400644	44.666	ng/ul	99
41) 2,4,6-Trichlorophenol	12.557	196	457282	46.042	ng/ul	98
42) 2,4,5-Trichlorophenol	12.634	196	505547	45.199	ng/ul	96
43) 1,1'-Biphenyl	12.969	154	1719112	40.319	ng/ul	99
44) 2-Chloronaphthalene	13.004	162	1347748	40.775	ng/ul	99
45) 2-Nitroaniline	13.216	65	460400	48.482	ng/ul	99
47) Dimethylphthalate	13.616	163	1726245	39.969	ng/ul	98
48) 2,6-Dinitrotoluene	13.728	165	365825	46.606	ng/ul	98
50) Acenaphthylene	13.857	152	2139815	40.678	ng/ul	99
51) 3-Nitroaniline	14.057	138	398181	44.797	ng/ul	99
52) Acenaphthene	14.210	153	1500176	40.359	ng/ul	99
53) 2,4-Dinitrophenol	14.263	184	207096	53.409	ng/ul	92
55) 4-Nitrophenol	14.386	109	299308	45.970	ng/ul	98
56) Dibenzofuran	14.545	168	2048088	39.463	ng/ul	97
57) 2,4-Dinitrotoluene	14.522	165	552043	46.798	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.781	232	420659	46.279	ng/ul	98
59) Diethylphthalate	14.998	149	1833472	40.692	ng/ul	99
61) Fluorene	15.198	166	1677086	39.263	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.204	204	817287	39.878	ng/ul	99
63) 4-Nitroaniline	15.228	138	414427	45.300	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.286	198	328590	50.492	ng/ul	96
67) N-Nitrosodiphenylamine	15.422	169	1458079	39.656	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	510088	40.874	ng/ul	99
69) Hexachlorobenzene	16.204	284	565508	39.578	ng/ul	96
70) Atrazine	16.386	200	536305	39.205	ng/ul	98
71) Pentachlorophenol	16.551	266	389567	43.340	ng/ul	98
72) Phenanthrene	16.939	178	2708861	39.623	ng/ul	98
74) Anthracene	17.027	178	2730846	39.209	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	676800	41.058	ng/ul	99
76) Pentachlorobenzene	14.469	250	685886	40.431	ng/ul	97
77) Carbazole	17.304	167	2565223	39.950	ng/ul	99
78) Di-n-butylphthalate	17.886	149	3278218	40.878	ng/ul	100
80) Fluoranthene	18.963	202	3128112	41.165	ng/ul	100
82) Pyrene	19.333	202	3327588	40.403	ng/ul	98
83) Butylbenzylphthalate	20.263	149	1549023	46.938	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.051	252	1127014	42.007	ng/ul	99
85) Benzo(a)anthracene	21.115	228	3418241	40.364	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.068	149	2285228	42.682	ng/ul	98
87) Chrysene	21.174	228	3223020	40.467	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	4040675	44.210	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3523714	39.942	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	3432999	39.196	ng/ul	99
93) Benzo(a)pyrene	23.792	252	3349494	40.063	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.015	276	4080631	39.328	ng/ul	98
95) Dibenzo(a,h)anthracene	27.074	278	3280915	38.613	ng/ul	98
96) Benzo(g,h,i)perylene	27.974	276	3189387	39.999	ng/ul	98

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

