

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050624\
 Data File : BN031401.D
 Acq On : 06 May 2024 16:02
 Operator : MA/JU
 Sample : PB160580BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS580

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 06 16:35:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 14:17:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	125028	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	506059	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	324461	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	625399	20.000	ng/u1	0.00
79) Chrysene-d12	21.239	240	489762	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	552760	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	21944	7.596	ng/uL	0.00
4) Pyridine-d5	3.522	84	244716	32.590	ng/u1	0.00
7) Phenol-d5	6.775	99	322030	33.780	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	178895	33.230	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	275201	34.615	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	267258	33.809	ng/u1	0.00
21) Nitrobenzene-d5	8.757	128	131916	34.598	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	149553	35.494	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	266996	35.255	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	361617	34.295	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	800783	34.300	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	908241	35.349	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	137623	33.158	ng/u1	0.00
60) Fluorene-d10	15.245	176	651069	34.122	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.381	200	129116	33.753	ng/u1	0.00
73) Anthracene-d10	17.098	188	952754	34.982	ng/u1	0.00
81) Pyrene-d10	19.404	212	1002850	36.059	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	953798	36.173	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	32215	11.174	ng/uL	97
5) Pyridine	3.540	79	241925	32.035	ng/u1	98
6) Benzaldehyde	6.752	77	176330	39.016	ng/u1	96
8) Phenol	6.805	94	331357	34.360	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.040	93	248236	32.296	ng/u1	99
12) 2-Chlorophenol	7.163	128	282508	33.993	ng/u1	99
13) 2-Methylphenol	8.046	108	248954	33.354	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.122	45	278124	32.977	ng/u1	98
16) Acetophenone	8.422	105	417839	33.409	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.410	70	205077	33.195	ng/u1	99
18) 4-Methylphenol	8.375	108	277480	34.398	ng/u1	97
19) Hexachloroethane	8.657	117	119189	32.496	ng/u1	97
22) Nitrobenzene	8.799	77	306879	33.971	ng/u1	99
23) Isophorone	9.322	82	586605	34.158	ng/u1	99
25) 2-Nitrophenol	9.505	139	160852	35.497	ng/u1	98
26) 2,4-Dimethylphenol	9.563	107	286494	32.399	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.804	93	335294	33.460	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	270180	36.076	ng/u1	97
30) Naphthalene	10.428	128	880360	33.750	ng/u1	99
32) 4-Chloroaniline	10.546	127	318107	31.216	ng/u1	95
33) Hexachlorobutadiene	10.699	225	175439	33.422	ng/u1	98
34) Caprolactam	11.340	113	84161m	34.746	ng/u1	
35) 4-Chloro-3-methylphenol	11.681	107	310331	35.641	ng/u1	99
36) 2-Methylnaphthalene	12.046	142	605314	33.992	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	617873	34.669	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.416	216	321083	35.297	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	178418	29.682	ng/ul	97
41) 2,4,6-Trichlorophenol	12.669	196	211699	35.101	ng/ul	98
42) 2,4,5-Trichlorophenol	12.740	196	231609	35.700	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	800654	34.840	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	617452	34.049	ng/ul	99
45) 2-Nitroaniline	13.334	65	186738	36.141	ng/ul	99
47) Dimethylphthalate	13.716	163	805874	33.729	ng/ul	100
48) 2,6-Dinitrotoluene	13.840	165	157888	33.108	ng/ul	96
50) Acenaphthylene	13.969	152	993385	33.495	ng/ul	99
51) 3-Nitroaniline	14.169	138	166640	35.412	ng/ul	96
52) Acenaphthene	14.316	153	651431	32.985	ng/ul	99
53) 2,4-Dinitrophenol	14.381	184	92132	32.437	ng/ul	94
55) 4-Nitrophenol	14.487	109	143843	33.504	ng/ul	96
56) Dibenzofuran	14.651	168	897413	33.990	ng/ul	98
57) 2,4-Dinitrotoluene	14.628	165	233774	33.707	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.881	232	188666	33.810	ng/ul	100
59) Diethylphthalate	15.087	149	830671	33.411	ng/ul	100
61) Fluorene	15.304	166	716525	32.601	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.304	204	362680	33.157	ng/ul	99
63) 4-Nitroaniline	15.339	138	159213	38.155	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.392	198	137084	34.390	ng/ul	95
67) N-Nitrosodiphenylamine	15.522	169	641038	36.312	ng/ul	97
68) 4-Bromophenyl-phenylether	16.198	248	224658	35.673	ng/ul	98
69) Hexachlorobenzene	16.298	284	254368	34.049	ng/ul	96
70) Atrazine	16.481	200	197508	33.253	ng/ul	95
71) Pentachlorophenol	16.651	266	157474	32.933	ng/ul	97
72) Phenanthrene	17.045	178	1123733	34.822	ng/ul	100
74) Anthracene	17.134	178	1128610	34.346	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.034	216	310142	36.880	ng/uL	98
76) Pentachlorobenzene	14.563	250	308487	36.555	ng/uL	99
77) Carbazole	17.410	167	998163	35.101	ng/ul	99
78) Di-n-butylphthalate	17.975	149	1329837	33.987	ng/ul	99
80) Fluoranthene	19.069	202	1202268	35.897	ng/ul	99
82) Pyrene	19.433	202	1252541	35.831	ng/ul	98
83) Butylbenzylphthalate	20.345	149	546660	35.263	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.151	252	335955	36.879	ng/ul	98
85) Benzo(a)anthracene	21.222	228	1124473	34.237	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.151	149	758195	34.536	ng/ul	96
87) Chrysene	21.280	228	1063453	34.390	ng/ul	95
89) Di-n-octyl phthalate	22.239	149	1300330	32.978	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1125186	33.999	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1137589	34.889	ng/ul	98
93) Benzo(a)pyrene	23.980	252	995386	32.962	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.339	276	1503683	41.762	ng/ul	97
95) Dibenzo(a,h)anthracene	27.398	278	1236536	41.239	ng/ul	98
96) Benzo(g,h,i)perylene	28.345	276	1165138	40.169	ng/ul	98

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

