

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031281.D
 Acq On : 27 Apr 2024 21:21
 Operator : MA/JU
 Sample : PB160538BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS538

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024

Quant Time: Apr 28 21:51:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 26 22:57:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	230333	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	1122181	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	789741	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	1668248	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1478377	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1599569	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	32531	6.598	ng/uL	0.00
4) Pyridine-d5	3.540	84	378523	26.660	ng/ul	0.00
7) Phenol-d5	6.799	99	559344	28.787	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	317367	28.074	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	445148	29.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	460470	28.180	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	235205	29.172	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	262851	31.363	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	469481	28.406	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	623582	24.144	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1506546	27.414	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1694013	27.202	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	305893	26.668	ng/ul	0.00
60) Fluorene-d10	15.269	176	1249480	26.117	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	257645	30.611	ng/ul	0.00
73) Anthracene-d10	17.116	188	1971042	27.259	ng/ul	0.00
81) Pyrene-d10	19.422	212	2315163	31.869	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	2224538	29.327	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	46920	8.980	ng/uL	95
5) Pyridine	3.558	79	376708	26.293	ng/ul	96
6) Benzaldehyde	6.775	77	298627	31.301	ng/ul	99
8) Phenol	6.828	94	565402	28.225	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.057	93	434908	27.516	ng/ul	97
12) 2-Chlorophenol	7.187	128	453149	28.817	ng/ul	99
13) 2-Methylphenol	8.063	108	437847	28.205	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	576108	27.957	ng/ul	98
16) Acetophenone	8.440	105	693103	27.376	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	353047	27.976	ng/ul	98
18) 4-Methylphenol	8.393	108	493168	28.361	ng/ul	98
19) Hexachloroethane	8.681	117	176450	27.041	ng/ul	98
22) Nitrobenzene	8.822	77	510714	26.838	ng/ul	99
23) Isophorone	9.340	82	1046977	26.960	ng/ul	100
25) 2-Nitrophenol	9.522	139	277513	29.928	ng/ul	97
26) 2,4-Dimethylphenol	9.587	107	470128	24.860	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	629659	26.694	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	464563	28.142	ng/ul	97
30) Naphthalene	10.451	128	1521257	26.158	ng/ul	99
32) 4-Chloroaniline	10.569	127	553011	22.036	ng/ul	98
33) Hexachlorobutadiene	10.722	225	264298	26.263	ng/ul	95
34) Caprolactam	11.357	113	180369m	27.731	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	550319	28.752	ng/ul	95
36) 2-Methylnaphthalene	12.069	142	1102396	26.880	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	1093126	26.341	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.440	216	555698	26.891	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	258810	22.799	ng/ul	98
41) 2,4,6-Trichlorophenol	12.692	196	392266	28.518	ng/ul	90
42) 2,4,5-Trichlorophenol	12.763	196	426552	27.970	ng/ul	100
43) 1,1'-Biphenyl	13.098	154	1459565	26.872	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	1123584	25.888	ng/ul	98
45) 2-Nitroaniline	13.357	65	352077	29.384	ng/ul	94
47) Dimethylphthalate	13.734	163	1489996	26.281	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	312838	29.395	ng/ul	98
50) Acenaphthylene	13.987	152	1836805	25.250	ng/ul	99
51) 3-Nitroaniline	14.187	138	339120	27.756	ng/ul	94
52) Acenaphthene	14.334	153	1218022	25.258	ng/ul	96
53) 2,4-Dinitrophenol	14.398	184	182085	30.254	ng/ul	99
55) 4-Nitrophenol	14.504	109	237966	25.564	ng/ul	99
56) Dibenzofuran	14.669	168	1698857	25.480	ng/ul	99
57) 2,4-Dinitrotoluene	14.645	165	462853	28.623	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.898	232	365475	27.730	ng/ul	99
59) Diethylphthalate	15.104	149	1531839	26.272	ng/ul	99
61) Fluorene	15.322	166	1363491	24.850	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.322	204	648423	24.810	ng/ul	100
63) 4-Nitroaniline	15.357	138	379162m	28.783	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	277764	30.735	ng/ul#	96
67) N-Nitrosodiphenylamine	15.539	169	1246699	27.881	ng/ul	100
68) 4-Bromophenyl-phenylether	16.216	248	430884	27.311	ng/ul	96
69) Hexachlorobenzene	16.322	284	509439	28.010	ng/ul	97
70) Atrazine	16.498	200	425936	27.132	ng/ul	95
71) Pentachlorophenol	16.669	266	334784	28.331	ng/ul	98
72) Phenanthrene	17.063	178	2225500	25.222	ng/ul	98
74) Anthracene	17.151	178	2294735	25.698	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	546030	27.905	ng/uL	97
76) Pentachlorobenzene	14.586	250	556560	27.544	ng/uL	98
77) Carbazole	17.433	167	2169758	26.601	ng/ul	98
78) Di-n-butylphthalate	17.992	149	2772340	27.885	ng/ul	99
80) Fluoranthene	19.086	202	2733039	31.787	ng/ul	99
82) Pyrene	19.457	202	2873673	31.810	ng/ul	96
83) Butylbenzylphthalate	20.363	149	1309278	32.846	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	860480	27.933	ng/ul	96
85) Benzo(a)anthracene	21.245	228	2762894	27.521	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.169	149	1835605	30.670	ng/ul	98
87) Chrysene	21.304	228	2639611	27.700	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	3353579	36.373	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2719892	30.221	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	2641744	29.184	ng/ul	98
93) Benzo(a)pyrene	24.021	252	2275284	25.341	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.392	276	2780812m	24.959	ng/ul	
95) Dibenzo(a,h)anthracene	27.462	278	2244716	24.546	ng/ul	99
96) Benzo(g,h,i)perylene	28.415	276	2092533	23.322	ng/ul	97

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

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