

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040924\
 Data File : BN030799.D
 Acq On : 09 Apr 2024 21:11
 Operator : MA/JU
 Sample : P2013-15MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

E0MC0MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 22:23:26 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Apr 09 12:10:11 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	196500	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	916560	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	624263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1365722	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1290623	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1494538	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	20794	4.961	ng/uL	0.00
4) Pyridine-d5	3.599	84	155764	12.396	ng/u1	0.00
7) Phenol-d5	6.852	99	139816	8.796	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	355203	36.179	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	367023	30.436	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	266307	19.989	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	253665	39.896	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	253421	43.569	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	468366	36.782	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	695631	33.183	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	1812517	43.487	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2000646	41.748	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	82580	10.358	ng/u1	0.00
60) Fluorene-d10	15.322	176	1548252	42.450	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	292928	48.593	ng/u1	0.00
73) Anthracene-d10	17.175	188	2509594	42.648	ng/u1	0.00
81) Pyrene-d10	19.474	212	2969449	42.794	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	3082788	44.766	ng/u1	0.01
Target Compounds						
2) 1,4-Dioxane	3.222	88	20229	4.506	ng/uL	99
5) Pyridine	3.616	79	160486	12.657	ng/u1	98
6) Benzaldehyde	6.834	77	340465m	45.993	ng/u1	
8) Phenol	6.881	94	153960	9.297	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.116	93	474847	35.164	ng/u1	99
12) 2-Chlorophenol	7.246	128	384477	29.722	ng/u1	97
13) 2-Methylphenol	8.122	108	294962	23.115	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.204	45	611174	32.142	ng/u1	98
16) Acetophenone	8.504	105	776909	36.935	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.487	70	388018	36.626	ng/u1	96
18) 4-Methylphenol	8.452	108	293202	20.525	ng/u1	99
19) Hexachloroethane	8.752	117	132877	24.501	ng/u1	97
22) Nitrobenzene	8.881	77	566048	36.470	ng/u1	100
23) Isophorone	9.404	82	1162265	37.549	ng/u1	99
25) 2-Nitrophenol	9.587	139	275940	40.366	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	434713	28.612	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.887	93	702266	35.684	ng/u1	100
29) 2,4-Dichlorophenol	10.116	162	458695	35.291	ng/u1	99
30) Naphthalene	10.516	128	1540884	32.779	ng/u1	99
32) 4-Chloroaniline	10.628	127	656434	32.491	ng/u1	97
33) Hexachlorobutadiene	10.793	225	224796	27.477	ng/u1	97
34) Caprolactam	11.416	113	28597	5.890	ng/u1	98
35) 4-Chloro-3-methylphenol	11.751	107	521831	35.646	ng/u1	99
36) 2-Methylnaphthalene	12.134	142	1187057	36.159	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	1219700	36.599	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.498	216	609929	37.859	ng/ul	96
40) Hexachlorocyclopentadiene	12.475	237	208891	22.832	ng/ul	96
41) 2,4,6-Trichlorophenol	12.745	196	438880	43.595	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	473399	41.638	ng/ul	94
43) 1,1'-Biphenyl	13.157	154	1651996	38.825	ng/ul	97
44) 2-Chloronaphthalene	13.192	162	1280686	38.235	ng/ul	99
45) 2-Nitroaniline	13.410	65	417822	46.873	ng/ul	97
47) Dimethylphthalate	13.792	163	1777108	41.276	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	369694	46.313	ng/ul	94
50) Acenaphthylene	14.045	152	2200646	39.745	ng/ul	99
51) 3-Nitroaniline	14.239	138	406938	48.029	ng/ul	96
52) Acenaphthene	14.387	153	1452057	39.353	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	176922	48.254	ng/ul	95
55) 4-Nitrophenol	14.545	109	66112	10.467	ng/ul	96
56) Dibenzofuran	14.728	168	2057382	40.112	ng/ul	96
57) 2,4-Dinitrotoluene	14.698	165	564154	48.407	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	434945	46.063	ng/ul	98
59) Diethylphthalate	15.157	149	1848709	42.267	ng/ul	100
61) Fluorene	15.375	166	1664535	40.829	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	789132	39.453	ng/ul	96
63) 4-Nitroaniline	15.410	138	440455	53.472	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.463	198	302939	46.769	ng/ul	95
67) N-Nitrosodiphenylamine	15.592	169	1517490	40.800	ng/ul	97
68) 4-Bromophenyl-phenylether	16.269	248	537158	41.420	ng/ul	98
69) Hexachlorobenzene	16.369	284	583765	38.227	ng/ul	94
70) Atrazine	16.551	200	555769	43.111	ng/ul	99
71) Pentachlorophenol	16.722	266	387891	43.081	ng/ul	95
72) Phenanthrene	17.116	178	2859255	40.749	ng/ul	99
74) Anthracene	17.210	178	2892832	40.783	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	632752	37.712	ng/ul	96
76) Pentachlorobenzene	14.639	250	659046	38.671	ng/ul	91
77) Carbazole	17.480	167	2787635	44.813	ng/ul	98
78) Di-n-butylphthalate	18.045	149	3406468	44.889	ng/ul	99
80) Fluoranthene	19.139	202	3420580	41.469	ng/ul	97
82) Pyrene	19.504	202	3603127	41.361	ng/ul	100
83) Butylbenzylphthalate	20.416	149	1636493	49.191	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	941762	39.712	ng/ul	96
85) Benzo(a)anthracene	21.298	228	3610161	41.913	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	2305232	46.987	ng/ul	98
87) Chrysene	21.357	228	3504120	43.101	ng/ul	95
89) Di-n-octyl phthalate	22.339	149	4323968	45.686	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	3702890	42.099	ng/ul	98
91) Benzo(k)fluoranthene	23.386	252	3729248	41.749	ng/ul	98
93) Benzo(a)pyrene	24.115	252	3137656	37.763	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.545	276	3978050	44.291	ng/ul	98
95) Dibenzo(a,h)anthracene	27.603	278	3194907	42.255	ng/ul	95
96) Benzo(g,h,i)perylene	28.574	276	2964560m	42.044	ng/ul	

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

