

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034647.D
 Acq On : 18 Oct 2024 12:23
 Operator : RC/JU
 Sample : PB164041BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS041

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 23:08:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 16 15:50:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	328076	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1354918	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	723204	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1167470	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	812335	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	979771	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	47404	5.782	ng/uL	0.00
4) Pyridine-d5	3.599	84	678122	28.327	ng/u1	0.00
7) Phenol-d5	6.840	99	844034	31.348	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	513651	30.927	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	681952	32.788	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	661759	31.538	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	329825	34.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	323081	43.361	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	578460	33.683	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	852963	28.952	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1534501	33.539	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1894363	33.334	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	266122	31.224	ng/u1	0.00
60) Fluorene-d10	15.292	176	1251255	31.620	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	132464	33.850	ng/u1	0.00
73) Anthracene-d10	17.139	188	1657325	33.209	ng/u1	0.00
81) Pyrene-d10	19.433	212	1496547	35.880	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1534070	33.981	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.246	88	98377	11.167	ng/uL	96
5) Pyridine	3.622	79	698078	28.656	ng/u1	98
6) Benzaldehyde	6.810	77	445941	28.216	ng/u1	99
8) Phenol	6.863	94	899112	31.981	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	710554	32.052	ng/u1	98
12) 2-Chlorophenol	7.234	128	722408	33.258	ng/u1	95
13) 2-Methylphenol	8.104	108	663583	31.973	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.193	45	1050942	31.470	ng/u1	98
16) Acetophenone	8.481	105	1054696	31.477	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.475	70	511759	31.363	ng/u1	97
18) 4-Methylphenol	8.434	108	724966	32.221	ng/u1	98
19) Hexachloroethane	8.740	117	296478	32.733	ng/u1	96
22) Nitrobenzene	8.852	77	767880	34.047	ng/u1	98
23) Isophorone	9.381	82	1444985	32.410	ng/u1	99
25) 2-Nitrophenol	9.557	139	369309	42.149	ng/u1	100
26) 2,4-Dimethylphenol	9.628	107	664527	30.391	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	910062	33.091	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	602226	34.660	ng/u1	99
30) Naphthalene	10.493	128	2221626	32.620	ng/u1	99
32) 4-Chloroaniline	10.598	127	707992	25.344	ng/u1	99
33) Hexachlorobutadiene	10.787	225	337560	32.324	ng/u1	98
34) Caprolactam	11.351	113	205643	30.356	ng/u1	91
35) 4-Chloro-3-methylphenol	11.728	107	644890	33.198	ng/u1	97
36) 2-Methylnaphthalene	12.110	142	1445001	32.223	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1409351	30.873	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.481	216	627724	35.323	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	273036	28.924	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	390230	37.820	ng/ul	94
42) 2,4,5-Trichlorophenol	12.787	196	426626	37.314	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	1744610	35.128	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	1357250	34.965	ng/ul	98
45) 2-Nitroaniline	13.363	65	399186	39.203	ng/ul	98
47) Dimethylphthalate	13.769	163	1553413	33.803	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	315110	39.584	ng/ul	93
50) Acenaphthylene	14.016	152	2127210	34.544	ng/ul	98
51) 3-Nitroaniline	14.192	138	352919	34.733	ng/ul#	93
52) Acenaphthene	14.363	153	1403048	32.795	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	84583	27.237	ng/ul	99
55) 4-Nitrophenol	14.504	109	196025	31.407	ng/ul	95
56) Dibenzofuran	14.698	168	1862478	32.761	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	426702	37.584	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	286900	35.008	ng/ul	99
59) Diethylphthalate	15.145	149	1531411	32.845	ng/ul	98
61) Fluorene	15.351	166	1452873	31.716	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.351	204	664455	32.312	ng/ul	98
63) 4-Nitroaniline	15.363	138	342821	33.864	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.422	198	153288	33.859	ng/ul#	91
67) N-Nitrosodiphenylamine	15.563	169	1244836	37.838	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	372565	36.657	ng/ul	99
69) Hexachlorobenzene	16.351	284	411467	35.257	ng/ul	96
70) Atrazine	16.522	200	223383	20.269	ng/ul	97
71) Pentachlorophenol	16.692	266	205936	32.923	ng/ul	96
72) Phenanthrene	17.081	178	2003623	34.384	ng/ul	99
74) Anthracene	17.175	178	2066375	34.319	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	603815	41.307	ng/ul	99
76) Pentachlorobenzene	14.616	250	530020	37.888	ng/ul	97
77) Carbazole	17.439	167	1806653	32.404	ng/ul	100
78) Di-n-butylphthalate	18.033	149	2279120	35.132	ng/ul	100
80) Fluoranthene	19.098	202	1872473	37.420	ng/ul	97
82) Pyrene	19.463	202	1944007	36.471	ng/ul	98
83) Butylbenzylphthalate	20.386	149	809969	40.989	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.174	252	510099	31.216	ng/ul	95
85) Benzo(a)anthracene	21.245	228	1759089	34.084	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1156199	37.290	ng/ul	99
87) Chrysene	21.304	228	1691882	34.537	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	1942064	34.105	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	1818961	34.549	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	1807095	33.590	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1703577	33.421	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.386	276	2290198	36.013	ng/ul	98
95) Dibenzo(a,h)anthracene	27.451	278	1850443	35.807	ng/ul	98
96) Benzo(g,h,i)perylene	28.380	276	1792789m	36.320	ng/ul	

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

