

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032124\
 Data File : BN030447.D
 Acq On : 21 Mar 2024 14:57
 Operator : MA/JU
 Sample : PB159692BS 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS692

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

04/03/2024

Supervised By :mohammad

ahmed

04/03

/2024

Quant Time: Mar 22 01:27:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 21 00:37:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	320106	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1428458	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	914525	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1875185	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1677160	20.000	ng/u1	0.00
88) Perylene-d12	24.327	264	1792194	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	58104	6.650	ng/uL	0.00
4) Pyridine-d5	3.617	84	863726	34.103	ng/u1	0.00
7) Phenol-d5	6.887	99	1095001	35.000	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	650945	34.364	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	820594	35.936	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	867375	35.429	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	414924	38.043	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	385650	39.909	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	804719	36.838	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	1122540	31.534	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	2437100	34.008	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	2892155	34.637	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	490246	36.178	ng/u1	0.00
60) Fluorene-d10	15.363	176	2127544	34.845	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	283840	33.963	ng/u1	0.00
73) Anthracene-d10	17.216	188	3302808	36.262	ng/u1	0.00
81) Pyrene-d10	19.510	212	3691843	35.920	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.127	264	3556877	37.400	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	118306	13.176	ng/uL	95
5) Pyridine	3.640	79	847164	33.109	ng/u1	99
6) Benzaldehyde	6.869	77	473360m	32.453	ng/u1	
8) Phenol	6.911	94	1136925	35.836	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.158	93	905310	34.982	ng/u1	99
12) 2-Chlorophenol	7.287	128	853603	35.999	ng/u1	99
13) 2-Methylphenol	8.163	108	852572	35.553	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.252	45	1160832	34.060	ng/u1	100
16) Acetophenone	8.546	105	1367553	35.657	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.540	70	701449	34.990	ng/u1	98
18) 4-Methylphenol	8.493	108	925962	35.587	ng/u1	98
19) Hexachloroethane	8.799	117	342074	35.142	ng/u1	96
22) Nitrobenzene	8.922	77	1009517	36.561	ng/u1	99
23) Isophorone	9.452	82	2047259	34.521	ng/u1	99
25) 2-Nitrophenol	9.628	139	447627	39.284	ng/u1	98
26) 2,4-Dimethylphenol	9.687	107	914937	34.647	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.940	93	1237888	34.740	ng/u1	99
29) 2,4-Dichlorophenol	10.158	162	785020	35.980	ng/u1	94
30) Naphthalene	10.563	128	2853462	35.104	ng/u1	100
32) 4-Chloroaniline	10.675	127	797310	23.255	ng/u1	99
33) Hexachlorobutadiene	10.846	225	466904	35.015	ng/u1	97
34) Caprolactam	11.434	113	326288m	38.139	ng/u1	
35) 4-Chloro-3-methylphenol	11.793	107	946771	36.847	ng/u1	99
36) 2-Methylnaphthalene	12.181	142	1951916	35.359	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1903710	35.053	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.546	216	951499	34.542	ng/u1	96
40) Hexachlorocyclopentadiene	12.528	237	473392	30.480	ng/u1	97
41) 2,4,6-Trichlorophenol	12.787	196	596577	34.415	ng/u1	96
42) 2,4,5-Trichlorophenol	12.857	196	666815	35.459	ng/u1	99
43) 1,1'-Biphenyl	13.204	154	2504639	34.272	ng/u1	98
44) 2-Chloronaphthalene	13.240	162	1984198	34.390	ng/u1	98
45) 2-Nitroaniline	13.446	65	582103	38.582	ng/u1	98
47) Dimethylphthalate	13.840	163	2535922	34.853	ng/u1	99
48) 2,6-Dinitrotoluene	13.946	165	497447	39.783	ng/u1	99
50) Acenaphthylene	14.087	152	3335216	34.618	ng/u1	99
51) 3-Nitroaniline	14.275	138	508167	35.238	ng/u1	98
52) Acenaphthene	14.434	153	2134492	33.935	ng/u1	97
53) 2,4-Dinitrophenol	14.475	184	162074	28.855	ng/u1	98
55) 4-Nitrophenol	14.575	109	374380	35.769	ng/u1	98
56) Dibenzofuran	14.769	168	2942574	34.637	ng/u1	98
57) 2,4-Dinitrotoluene	14.734	165	739692	40.717	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	14.987	232	508987	32.927	ng/u1	97
59) Diethylphthalate	15.210	149	2611279	35.355	ng/u1	100
61) Fluorene	15.422	166	2439708	35.695	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.422	204	1132000	34.500	ng/u1	98
63) 4-Nitroaniline	15.440	138	603610	43.446	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.493	198	333585	34.506	ng/u1	99
67) N-Nitrosodiphenylamine	15.634	169	2109268	36.038	ng/u1	95
68) 4-Bromophenyl-phenylether	16.316	248	729499	37.824	ng/u1	99
69) Hexachlorobenzene	16.416	284	841462	36.430	ng/u1	97
70) Atrazine	16.587	200	287908	15.297	ng/u1	99
71) Pentachlorophenol	16.757	266	469131	32.959	ng/u1	94
72) Phenanthrene	17.157	178	3873170	36.321	ng/u1	99
74) Anthracene	17.251	178	3971029	36.684	ng/u1	97
75) 1,2,3,4-Tetrachloroben...	13.157	216	962402	36.557	ng/uL	99
76) Pentachlorobenzene	14.681	250	898812	34.687	ng/uL	91
77) Carbazole	17.522	167	3670216	38.201	ng/u1	99
78) Di-n-butylphthalate	18.104	149	4493319	37.190	ng/u1	100
80) Fluoranthene	19.175	202	4469021	36.105	ng/u1	99
82) Pyrene	19.545	202	4645739	36.324	ng/u1	100
83) Butylbenzylphthalate	20.463	149	1958754	39.795	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.269	252	1353524	35.840	ng/u1	94
85) Benzo(a)anthracene	21.339	228	4651140	37.266	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.292	149	2950658	39.126	ng/u1	98
87) Chrysene	21.404	228	4212023	36.521	ng/u1	95
89) Di-n-octyl phthalate	22.433	149	4807727	36.648	ng/u1	100
90) Benzo(b)fluoranthene	23.392	252	4320868	36.419	ng/u1	98
91) Benzo(k)fluoranthene	23.457	252	4389753	36.630	ng/u1	98
93) Benzo(a)pyrene	24.192	252	4162009	37.489	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.680	276	4561396m	38.160	ng/u1	
95) Dibenzo(a,h)anthracene	27.745	278	3823748	38.285	ng/u1	96
96) Benzo(g,h,i)perylene	28.715	276	3598191	38.145	ng/u1	98

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

