

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021478.D
 Acq On : 09 Aug 2024 20:23
 Operator : RC/JU
 Sample : PB162594BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS594

Quant Time: Aug 09 23:20:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 08/10/2024

Supervised By :mohammad
 ahmed
 08/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	178890	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	680779	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.246	164	467715	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1079566	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	1039737	20.000	ng/u1	0.00
88) Perylene-d12	24.786	264	1173962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	25701	6.538	ng/uL	0.00
4) Pyridine-d5	3.575	84	299573	26.322	ng/u1	0.00
7) Phenol-d5	6.828	99	409855	28.102	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	250306	28.320	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	330827	27.531	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	323661	26.720	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	161215	30.489	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	179664	29.686	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	310253	28.350	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	411260	28.367	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	995586	29.282	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	1020851	26.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	172630	35.685	ng/u1	0.00
60) Fluorene-d10	15.269	176	910364	32.637	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	174200	26.669	ng/u1	0.00
73) Anthracene-d10	17.175	188	1405717	29.317	ng/u1	0.00
81) Pyrene-d10	19.557	212	1711200	26.621	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.568	264	1789319	30.904	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	47808	11.058	ng/uL	95
5) Pyridine	3.599	79	302841	25.798	ng/u1	93
6) Benzaldehyde	6.799	77	222203	30.221	ng/u1	94
8) Phenol	6.858	94	435381	29.501	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.052	93	341890	28.043	ng/u1	97
12) 2-Chlorophenol	7.193	128	342299	28.422	ng/u1	96
13) 2-Methylphenol	8.069	108	327517	28.696	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.111	45	537451	30.514	ng/u1#	93
16) Acetophenone	8.434	105	540772	28.926	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.405	70	276565	28.233	ng/u1	98
18) 4-Methylphenol	8.411	108	355580	29.081	ng/u1	95
19) Hexachloroethane	8.646	117	149211	27.570	ng/u1	96
22) Nitrobenzene	8.805	77	423516	33.436	ng/u1	95
23) Isophorone	9.328	82	783795	31.126	ng/u1	97
25) 2-Nitrophenol	9.510	139	196858	31.188	ng/u1	93
26) 2,4-Dimethylphenol	9.575	107	339932	27.311	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.799	93	427687	27.942	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	301469	27.952	ng/u1	99
30) Naphthalene	10.416	128	1107947	30.940	ng/u1	99
32) 4-Chloroaniline	10.563	127	390851	28.233	ng/u1	100
33) Hexachlorobutadiene	10.663	225	240858	29.784	ng/u1	98
34) Caprolactam	11.410	113	110226m	33.176	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	383664	32.726	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	766094	31.166	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	775950	30.693	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.410	216	443362	29.189	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	88618	11.153	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	244885	25.514	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	280718	27.643	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	1036957	30.337	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	820579	30.071	ng/ul	100
45) 2-Nitroaniline	13.369	65	240247	31.837	ng/ul	95
47) Dimethylphthalate	13.710	163	1018457	29.521	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	187424	27.173	ng/ul	98
50) Acenaphthylene	13.969	152	1174912	27.181	ng/ul	99
51) 3-Nitroaniline	14.228	138	202823	33.792	ng/ul	98
52) Acenaphthene	14.310	153	875999	30.533	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	100260	27.679	ng/ul#	91
55) 4-Nitrophenol	14.598	109	115170	29.268	ng/ul	95
56) Dibenzofuran	14.663	168	1240630	31.578	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	329720	34.824	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	213709	24.576	ng/ul	97
59) Diethylphthalate	15.098	149	1111165	32.228	ng/ul	99
61) Fluorene	15.322	166	1026220	32.009	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	535893	30.804	ng/ul	98
63) 4-Nitroaniline	15.422	138	208965	42.041	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.469	198	186990	26.995	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	889223	28.286	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	343378	27.136	ng/ul	99
69) Hexachlorobenzene	16.351	284	403756	27.828	ng/ul	99
70) Atrazine	16.545	200	31699	2.767	ng/ul	97
71) Pentachlorophenol	16.751	266	149839m	19.015	ng/ul	
72) Phenanthrene	17.116	178	1657958	29.604	ng/ul	99
74) Anthracene	17.216	178	1642349	28.766	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	455471	26.360	ng/uL	100
76) Pentachlorobenzene	14.581	250	456938	26.613	ng/uL	99
77) Carbazole	17.522	167	1509542	32.344	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1777096	27.598	ng/ul	99
80) Fluoranthene	19.210	202	2019801	26.019	ng/ul	97
82) Pyrene	19.592	202	2148723	27.201	ng/ul	99
83) Butylbenzylphthalate	20.522	149	863278	26.230	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.422	252	702657	29.575	ng/ul	99
85) Benzo(a)anthracene	21.492	228	2143573	29.431	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1269986	26.813	ng/ul	100
87) Chrysene	21.557	228	2060085	30.439	ng/ul	100
89) Di-n-octyl phthalate	22.616	149	2082781	26.856	ng/ul	100
90) Benzo(b)fluoranthene	23.751	252	2175363	30.535	ng/ul	99
91) Benzo(k)fluoranthene	23.810	252	2184896	30.731	ng/ul	100
93) Benzo(a)pyrene	24.639	252	1972142	29.294	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.515	276	2557710	29.483	ng/ul	99
95) Dibenzo(a,h)anthracene	28.574	278	2099280	29.223	ng/ul	99
96) Benzo(g,h,i)perylene	29.698	276	2021701m	28.615	ng/ul	

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

