

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP021992.D
 Acq On : 24 Sep 2024 12:15
 Operator : RC/JU
 Sample : SSTD02039
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020617

Quant Time: Sep 24 15:04:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:01:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	113034	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	431703	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	346436	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	883419	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1065995	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1224172	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	22419	7.769	ng/uL	0.00
4) Pyridine-d5	3.634	84	159781	19.370	ng/u1	0.00
7) Phenol-d5	6.893	99	170905	18.484	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	109119	19.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	132562	19.815	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	136676	18.654	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	62047	19.203	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	69591	18.995	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	154340	19.399	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	179340	18.892	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	507015	18.933	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	527661	18.610	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	83634	18.258	ng/u1	0.00
60) Fluorene-d10	15.328	176	440535	18.597	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	93500	17.048	ng/u1	0.00
73) Anthracene-d10	17.216	188	765017	18.550	ng/u1	0.00
81) Pyrene-d10	19.592	212	1020271	18.474	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	1217686m	18.913	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	25028	8.006	ng/uL	100
5) Pyridine	3.652	79	162456	19.385	ng/u1	100
6) Benzaldehyde	6.863	77	121280	23.187	ng/u1	100
8) Phenol	6.916	94	179414	18.593	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.140	93	143823	19.474	ng/u1	100
12) 2-Chlorophenol	7.281	128	136660	19.705	ng/u1	100
13) 2-Methylphenol	8.146	108	132593	18.947	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	134252	19.595	ng/u1	100
16) Acetophenone	8.516	105	230759	18.934	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.504	70	122470	19.384	ng/u1	100
18) 4-Methylphenol	8.469	108	142210	18.634	ng/u1	100
19) Hexachloroethane	8.775	117	62329	19.039	ng/u1	100
22) Nitrobenzene	8.887	77	190601	19.294	ng/u1	100
23) Isophorone	9.410	82	328156	19.178	ng/u1	100
25) 2-Nitrophenol	9.599	139	76063	19.404	ng/u1	100
26) 2,4-Dimethylphenol	9.657	107	169108	19.043	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.887	93	189831	19.246	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	149503	18.914	ng/u1	100
30) Naphthalene	10.522	128	433737	19.095	ng/u1	100
32) 4-Chloroaniline	10.628	127	177485	18.878	ng/u1	100
33) Hexachlorobutadiene	10.804	225	134235	19.127	ng/u1	100
34) Caprolactam	11.393	113	43687m	18.244	ng/u1	100
35) 4-Chloro-3-methylphenol	11.757	107	163700	19.143	ng/u1	100
36) 2-Methylnaphthalene	12.128	142	318857	18.889	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	323434	18.998	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.498	216	237340	18.478	ng/ul	100
40) Hexachlorocyclopentadiene	12.487	237	146602	18.145	ng/ul	100
41) 2,4,6-Trichlorophenol	12.745	196	140518	18.300	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	155095	18.653	ng/ul	100
43) 1,1'-Biphenyl	13.151	154	457009	18.447	ng/ul	100
44) 2-Chloronaphthalene	13.187	162	364224	18.260	ng/ul	100
45) 2-Nitroaniline	13.392	65	109023	18.902	ng/ul	100
47) Dimethylphthalate	13.775	163	505464	18.792	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	98110	19.027	ng/ul	100
50) Acenaphthylene	14.034	152	551790	18.662	ng/ul	100
51) 3-Nitroaniline	14.228	138	88884	18.933	ng/ul	100
52) Acenaphthene	14.387	153	394915	18.382	ng/ul	100
53) 2,4-Dinitrophenol	14.428	184	58549	16.688	ng/ul	100
55) 4-Nitrophenol	14.539	109	97558	18.825	ng/ul	100
56) Dibenzofuran	14.722	168	592231	18.542	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	152140	19.146	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.963	232	147093	18.378	ng/ul	100
59) Diethylphthalate	15.169	149	503255	18.905	ng/ul	100
61) Fluorene	15.381	166	492267	18.532	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	281771	18.425	ng/ul	100
63) 4-Nitroaniline	15.398	138	97212	20.345	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.463	198	104004	17.418	ng/ul	100
67) N-Nitrosodiphenylamine	15.604	169	430234	18.491	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	192573	18.152	ng/ul	100
69) Hexachlorobenzene	16.404	284	236742	18.378	ng/ul	100
70) Atrazine	16.581	200	198141	19.089	ng/ul	100
71) Pentachlorophenol	16.757	266	150085	17.463	ng/ul	100
72) Phenanthrene	17.157	178	865871	18.694	ng/ul	100
74) Anthracene	17.257	178	873418	18.530	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.116	216	238217	17.970	ng/uL	100
76) Pentachlorobenzene	14.645	250	261758	17.955	ng/uL	100
77) Carbazole	17.522	167	785128	18.899	ng/ul	100
78) Di-n-butylphthalate	18.122	149	919174	19.191	ng/ul	100
80) Fluoranthene	19.239	202	1176649	18.641	ng/ul	100
82) Pyrene	19.616	202	1253819	18.453	ng/ul	100
83) Butylbenzylphthalate	20.569	149	452577	19.113	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.445	252	469027	19.217	ng/ul	100
85) Benzo(a)anthracene	21.527	228	1368647	18.630	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	676142	19.462	ng/ul	100
87) Chrysene	21.586	228	1268407	18.397	ng/ul	100
89) Di-n-octyl phthalate	22.715	149	1118121	18.489	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1426121	18.766	ng/ul	100
91) Benzo(k)fluoranthene	23.851	252	1446897	19.124	ng/ul	100
93) Benzo(a)pyrene	24.674	252	1329205	18.982	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.550	276	1669735m	18.285	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	1317167	17.909	ng/ul	100
96) Benzo(g,h,i)perylene	29.703	276	1291517	18.230	ng/ul	100

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

