

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022912.D
 Acq On : 07 Nov 2024 04:07
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020704

Quant Time: Nov 08 04:10:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 11/08/2024

Supervised By :mohammad
 ahmed
 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	123216	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	475608	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.239	164	371624	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	883527	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	880028	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	1006174	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	20513	6.469	ng/uL	0.00
4) Pyridine-d5	3.581	84	162523	18.671	ng/u1	0.00
7) Phenol-d5	6.822	99	206527	19.912	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	114558	18.792	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	160139	21.759	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	169854	20.520	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	79174	21.650	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	96409	22.771	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	201677	22.412	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	213851	20.112	ng/u1	-0.01
46) Dimethylphthalate-d6	13.651	166	609616	20.646	ng/u1	-0.01
49) Acenaphthylene-d8	13.934	160	679002	21.652	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	90427	18.256	ng/u1	-0.01
60) Fluorene-d10	15.257	176	566350	22.114	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	98688	16.983	ng/u1	-0.01
73) Anthracene-d10	17.145	188	890752	21.431	ng/u1	-0.02
81) Pyrene-d10	19.533	212	1079807	23.203	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.521	264	1172429	21.819	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	22464	6.589	ng/uL	97
5) Pyridine	3.605	79	161363	18.079	ng/u1	95
6) Benzaldehyde	6.787	77	122962	21.938	ng/u1	97
8) Phenol	6.846	94	214771	19.903	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.057	93	158916	19.677	ng/u1	98
12) 2-Chlorophenol	7.199	128	161279	21.192	ng/u1	96
13) 2-Methylphenol	8.069	108	159305	20.342	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	176613	18.817	ng/u1	97
16) Acetophenone	8.434	105	279238	20.434	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	136837	19.764	ng/u1	98
18) 4-Methylphenol	8.393	108	176576	20.325	ng/u1	99
19) Hexachloroethane	8.675	117	71987	20.310	ng/u1	91
22) Nitrobenzene	8.804	77	221684	20.308	ng/u1	97
23) Isophorone	9.328	82	386824	19.764	ng/u1	98
25) 2-Nitrophenol	9.504	139	102600	22.486	ng/u1	97
26) 2,4-Dimethylphenol	9.575	107	208994	21.073	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.793	93	215438	19.386	ng/u1	98
29) 2,4-Dichlorophenol	10.040	162	199972	22.567	ng/u1	96
30) Naphthalene	10.422	128	534464	21.098	ng/u1	99
32) 4-Chloroaniline	10.540	127	213156	20.309	ng/u1	97
33) Hexachlorobutadiene	10.704	225	162897	21.811	ng/u1	98
34) Caprolactam	11.334	113	53957m	18.887	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	208069	21.521	ng/u1	98
36) 2-Methylnaphthalene	12.045	142	400348	21.530	ng/u1	96

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37) 1-Methylnaphthalene	12.263	142	406236	21.404	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.410	216	311108	22.641	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	141975	16.958	ng/ul	99
41) 2,4,6-Trichlorophenol	12.669	196	194564	22.510	ng/ul	100
42) 2,4,5-Trichlorophenol	12.745	196	210198	22.839	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	580975	21.689	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	476970	21.752	ng/ul	100
45) 2-Nitroaniline	13.322	65	135527	20.699	ng/ul	93
47) Dimethylphthalate	13.704	163	593022	20.156	ng/ul	98
48) 2,6-Dinitrotoluene	13.828	165	126956	22.813	ng/ul	98
50) Acenaphthylene	13.957	152	691074	21.233	ng/ul	99
51) 3-Nitroaniline	14.163	138	109268	20.905	ng/ul	97
52) Acenaphthene	14.298	153	484923	21.070	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	79431	19.400	ng/ul	94
55) 4-Nitrophenol	14.504	109	104871	19.076	ng/ul	88
56) Dibenzofuran	14.645	168	742427	21.475	ng/ul	99
57) 2,4-Dinitrotoluene	14.628	165	189427	21.905	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.892	232	195685	22.780	ng/ul	97
59) Diethylphthalate	15.086	149	587602	20.817	ng/ul	99
61) Fluorene	15.310	166	598241	21.238	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.298	204	354866	22.030	ng/ul	96
63) 4-Nitroaniline	15.345	138	118415m	22.515	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	105382	16.837	ng/ul	100
67) N-Nitrosodiphenylamine	15.528	169	510336	21.569	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	248691	23.341	ng/ul	97
69) Hexachlorobenzene	16.333	284	306000	23.332	ng/ul	97
70) Atrazine	16.510	200	211364	21.491	ng/ul	95
71) Pentachlorophenol	16.698	266	183157	21.720	ng/ul	97
72) Phenanthrene	17.086	178	1000025	21.156	ng/ul	100
74) Anthracene	17.180	178	999547	21.189	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	312475	23.228	ng/uL	98
76) Pentachlorobenzene	14.569	250	353794	23.790	ng/uL	99
77) Carbazole	17.463	167	861516	20.640	ng/ul	99
78) Di-n-butylphthalate	18.051	149	970124	21.005	ng/ul	100
80) Fluoranthene	19.186	202	1251808	23.398	ng/ul	97
82) Pyrene	19.563	202	1311311	22.868	ng/ul	98
83) Butylbenzylphthalate	20.516	149	447111	22.396	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	397646	18.956	ng/ul	97
85) Benzo(a)anthracene	21.468	228	1299326	21.061	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	604648	21.100	ng/ul	97
87) Chrysene	21.533	228	1198049	20.943	ng/ul	99
89) Di-n-octyl phthalate	22.639	149	997399	20.840	ng/ul	100
90) Benzo(b)fluoranthene	23.715	252	1351019	21.331	ng/ul#	98
91) Benzo(k)fluoranthene	23.786	252	1320056	21.288	ng/ul#	98
93) Benzo(a)pyrene	24.592	252	1246528	21.385	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.421	276	1619323m	20.818	ng/ul	
95) Dibenzo(a,h)anthracene	28.509	278	1310711	20.809	ng/ul#	98
96) Benzo(g,h,i)perylene	29.574	276	1238062	20.463	ng/ul	99

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

