

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022410.D
 Acq On : 16 Oct 2024 10:39
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020656

Quant Time: Oct 16 12:39:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 11:47:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	79385	20.000	ng/u1	0.00
20) Naphthalene-d8	10.392	136	293786	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	228764	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	571474	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	715912	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	878756	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	15225	7.453	ng/uL	0.00
4) Pyridine-d5	3.587	84	104971	18.718	ng/u1	0.00
7) Phenol-d5	6.822	99	125923	18.844	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	75016	19.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	96392	20.329	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	99523	18.662	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	47321	20.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.492	143	55957	21.396	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	113331	20.389	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	126219	19.217	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	357230	19.654	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	382700	19.824	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	59419	19.487	ng/u1	0.00
60) Fluorene-d10	15.286	176	312499	19.822	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	73443	19.541	ng/u1	0.00
73) Anthracene-d10	17.186	188	536779	19.967	ng/u1	0.00
81) Pyrene-d10	19.574	212	703672	18.587	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.568	264	904623	19.276	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	17034	7.755	ng/uL	95
5) Pyridine	3.604	79	108329	18.839	ng/u1	92
6) Benzaldehyde	6.787	77	80948	22.416	ng/u1	97
8) Phenol	6.845	94	128580	18.494	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	102858	19.768	ng/u1	99
12) 2-Chlorophenol	7.204	128	97354	19.855	ng/u1	98
13) 2-Methylphenol	8.075	108	95222	18.873	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.145	45	113279	18.733	ng/u1	96
16) Acetophenone	8.445	105	162875	18.500	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.428	70	85019	19.060	ng/u1	99
18) 4-Methylphenol	8.398	108	99950	17.857	ng/u1	94
19) Hexachloroethane	8.692	117	46794	20.492	ng/u1	99
22) Nitrobenzene	8.810	77	134230	19.907	ng/u1	99
23) Isophorone	9.334	82	239741	19.830	ng/u1	99
25) 2-Nitrophenol	9.516	139	57991	20.575	ng/u1	97
26) 2,4-Dimethylphenol	9.575	107	120526	19.674	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.810	93	137216	19.989	ng/u1	100
29) 2,4-Dichlorophenol	10.045	162	108618	19.844	ng/u1	97
30) Naphthalene	10.445	128	308670	19.726	ng/u1	98
32) 4-Chloroaniline	10.551	127	122520	18.898	ng/u1	99
33) Hexachlorobutadiene	10.722	225	97694	21.176	ng/u1	96
34) Caprolactam	11.333	113	31271	17.720	ng/u1	97
35) 4-Chloro-3-methylphenol	11.686	107	114420	19.159	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	226344	19.706	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	232539	19.835	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.433	216	170051	20.104	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	123154	23.897	ng/ul	99
41) 2,4,6-Trichlorophenol	12.680	196	105086	19.750	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	113645	20.060	ng/ul	98
43) 1,1'-Biphenyl	13.086	154	325493	19.740	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	267782	19.838	ng/ul	98
45) 2-Nitroaniline	13.339	65	78490	19.474	ng/ul	98
47) Dimethylphthalate	13.722	163	357308	19.728	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	70843	20.680	ng/ul	99
50) Acenaphthylene	13.992	152	417514	20.839	ng/ul	100
51) 3-Nitroaniline	14.180	138	60484	18.798	ng/ul	97
52) Acenaphthene	14.339	153	277576	19.592	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	56470	22.404	ng/ul	91
55) 4-Nitrophenol	14.516	109	68775	20.322	ng/ul	90
56) Dibenzofuran	14.680	168	416946	19.592	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	108231	20.332	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	108894	20.593	ng/ul#	99
59) Diethylphthalate	15.110	149	358108	20.610	ng/ul	99
61) Fluorene	15.345	166	350017	20.185	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.345	204	206927	20.868	ng/ul	98
63) 4-Nitroaniline	15.374	138	59363	18.335	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.422	198	79128	19.546	ng/ul	99
67) N-Nitrosodiphenylamine	15.557	169	297845	19.462	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	143004	20.751	ng/ul	97
69) Hexachlorobenzene	16.380	284	175009	20.631	ng/ul	97
70) Atrazine	16.533	200	129100	20.295	ng/ul	93
71) Pentachlorophenol	16.733	266	117950	21.625	ng/ul	97
72) Phenanthrene	17.127	178	608807	19.912	ng/ul	99
74) Anthracene	17.216	178	609132	19.964	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	168190	19.329	ng/uL	97
76) Pentachlorobenzene	14.604	250	184818	19.214	ng/uL	99
77) Carbazole	17.504	167	543912	20.147	ng/ul	99
78) Di-n-butylphthalate	18.098	149	636458	21.306	ng/ul	99
80) Fluoranthene	19.227	202	812686	18.673	ng/ul	99
82) Pyrene	19.604	202	854687	18.322	ng/ul	99
83) Butylbenzylphthalate	20.551	149	329882	20.312	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.421	252	325993	19.102	ng/ul	99
85) Benzo(a)anthracene	21.504	228	990438	19.735	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	486352	20.862	ng/ul	99
87) Chrysene	21.562	228	900941	19.360	ng/ul	100
89) Di-n-octyl phthalate	22.680	149	853325	20.415	ng/ul	100
90) Benzo(b)fluoranthene	23.750	252	1083528	19.589	ng/ul#	98
91) Benzo(k)fluoranthene	23.821	252	1083522	20.007	ng/ul	99
93) Benzo(a)pyrene	24.633	252	1029425	20.221	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.497	276	1281345m	18.861	ng/ul	
95) Dibenzo(a,h)anthracene	28.568	278	1073481m	19.514	ng/ul	
96) Benzo(g,h,i)perylene	29.638	276	1031971m	19.529	ng/ul	

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

