

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023355.D
 Acq On : 10 Dec 2024 21:17
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020741

Quant Time: Dec 11 03:08:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	98691	20.000	ng/u1	0.00
20) Naphthalene-d8	10.287	136	388630	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.157	164	301279	20.000	ng/u1	0.01
64) Phenanthrene-d10	16.963	188	727548	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	786712	20.000	ng/u1	0.00
88) Perylene-d12	24.551	264	876155	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	23082	8.611	ng/uL	0.00
4) Pyridine-d5	3.517	84	142998	20.745	ng/u1	0.00
7) Phenol-d5	6.746	99	153864	19.870	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	103636	21.213	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	112911	19.756	ng/u1	0.00
15) 4-Methylphenol-d8	8.258	113	124450	19.913	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	56365	19.423	ng/u1	0.00
24) 2-Nitrophenol-d4	9.393	143	67418	20.157	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	134631	19.072	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	157479	19.914	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	460649	19.696	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	493493	20.004	ng/u1	0.01
54) 4-Nitrophenol-d4	14.434	143	51246	17.880	ng/u1	0.02
60) Fluorene-d10	15.169	176	399633	19.426	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.328	200	85604	19.469	ng/u1	0.02
73) Anthracene-d10	17.057	188	668789	20.142	ng/u1	0.00
81) Pyrene-d10	19.445	212	831274	20.225	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.339	264	897147	19.128	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	25072	8.453	ng/uL	93
5) Pyridine	3.534	79	149916	21.291	ng/u1	99
6) Benzaldehyde	6.716	77	101863m	23.010	ng/u1	
8) Phenol	6.775	94	162541	20.162	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.987	93	130498	20.507	ng/u1	99
12) 2-Chlorophenol	7.116	128	115461	19.271	ng/u1	96
13) 2-Methylphenol	7.993	108	117368	19.631	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.046	45	169915	21.957	ng/u1	98
16) Acetophenone	8.358	105	212835	20.234	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.334	70	118945	20.753	ng/u1	97
18) 4-Methylphenol	8.322	108	130041	20.152	ng/u1	90
19) Hexachloroethane	8.587	117	57186	19.603	ng/u1	95
22) Nitrobenzene	8.722	77	179592	20.338	ng/u1	98
23) Isophorone	9.246	82	320150	20.469	ng/u1	99
25) 2-Nitrophenol	9.428	139	68089	19.058	ng/u1	98
26) 2,4-Dimethylphenol	9.493	107	155874	19.703	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.716	93	181416	20.530	ng/u1	99
29) 2,4-Dichlorophenol	9.963	162	134010	19.155	ng/u1	98
30) Naphthalene	10.334	128	396832	19.505	ng/u1	100
32) 4-Chloroaniline	10.463	127	148747	19.398	ng/u1	99
33) Hexachlorobutadiene	10.604	225	117174	18.881	ng/u1	98
34) Caprolactam	11.257	113	40490m	19.835	ng/u1	
35) 4-Chloro-3-methylphenol	11.604	107	149060	19.622	ng/u1	96
36) 2-Methylnaphthalene	11.951	142	291524	19.323	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	298773	19.433	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.328	216	214151	19.478	ng/ul	98
40) Hexachlorocyclopentadiene	12.287	237	100715	19.066	ng/ul	97
41) 2,4,6-Trichlorophenol	12.587	196	129108	19.843	ng/ul	97
42) 2,4,5-Trichlorophenol	12.675	196	133703	19.233	ng/ul	98
43) 1,1'-Biphenyl	12.969	154	414494	19.417	ng/ul	98
44) 2-Chloronaphthalene	13.016	162	338057	19.578	ng/ul	97
45) 2-Nitroaniline	13.251	65	108083	21.605	ng/ul	97
47) Dimethylphthalate	13.610	163	458033	19.881	ng/ul	98
48) 2,6-Dinitrotoluene	13.757	165	88790	20.113	ng/ul	98
50) Acenaphthylene	13.875	152	496448	19.761	ng/ul	100
51) 3-Nitroaniline	14.098	138	74890	20.241	ng/ul	90
52) Acenaphthene	14.216	153	358466	19.522	ng/ul	98
53) 2,4-Dinitrophenol	14.328	184	50372	17.695	ng/ul	95
55) 4-Nitrophenol	14.445	109	54980	14.239	ng/ul	92
56) Dibenzofuran	14.563	168	537730	19.283	ng/ul	98
57) 2,4-Dinitrotoluene	14.557	165	137300	19.301	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.816	232	130015	18.839	ng/ul	99
59) Diethylphthalate	14.998	149	459319	19.990	ng/ul	99
61) Fluorene	15.228	166	440400	19.395	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	252614	19.181	ng/ul	99
63) 4-Nitroaniline	15.281	138	62952	19.345	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.340	198	92026	19.729	ng/ul#	90
67) N-Nitrosodiphenylamine	15.445	169	383644	20.649	ng/ul	98
68) 4-Bromophenyl-phenylether	16.134	248	171580	19.977	ng/ul	98
69) Hexachlorobenzene	16.251	284	200120	19.019	ng/ul	97
70) Atrazine	16.422	200	171760	21.246	ng/ul	96
71) Pentachlorophenol	16.622	266	115741	18.846	ng/ul	97
72) Phenanthrene	17.004	178	759321	20.188	ng/ul	99
74) Anthracene	17.092	178	757754	20.148	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.934	216	214891	20.491	ng/uL	98
76) Pentachlorobenzene	14.487	250	237872	20.578	ng/uL	99
77) Carbazole	17.392	167	625829	20.425	ng/ul	100
78) Di-n-butylphthalate	17.975	149	786081	20.879	ng/ul	100
80) Fluoranthene	19.104	202	951797	20.209	ng/ul	99
82) Pyrene	19.480	202	1014951	20.308	ng/ul	99
83) Butylbenzylphthalate	20.427	149	357527	20.655	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.292	252	354251	19.624	ng/ul#	99
85) Benzo(a)anthracene	21.363	228	1055150	20.001	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	524425	21.097	ng/ul#	99
87) Chrysene	21.433	228	996560	19.712	ng/ul	100
89) Di-n-octyl phthalate	22.492	149	867601	20.275	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1092912	19.854	ng/ul	99
91) Benzo(k)fluoranthene	23.621	252	1057678	19.311	ng/ul	99
93) Benzo(a)pyrene	24.398	252	975559	19.546	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.127	276	1255758m	19.578	ng/ul	
95) Dibenzo(a,h)anthracene	28.198	278	995964m	19.403	ng/ul	
96) Benzo(g,h,i)perylene	29.233	276	948933m	19.323	ng/ul	

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

