

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP022071.D
 Acq On : 26 Sep 2024 20:38
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020772

Quant Time: Sep 27 01:46:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	98929	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.463	136	396438	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	329414	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	890082	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1102504	20.000	ng/ul	0.01
88) Perylene-d12	24.833	264	1338133	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	18937	7.498	ng/uL	0.00
4) Pyridine-d5	3.634	84	136657	18.929	ng/ul	0.00
7) Phenol-d5	6.881	99	151429	18.712	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67	95201	19.105	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	116936	19.972	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	130874	20.409	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	61391	20.690	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	70442	20.938	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	150550	20.606	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	172900	19.834	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	508252	19.960	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	547830	20.320	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	83041	19.065	ng/ul	0.00
60) Fluorene-d10	15.328	176	471744	20.944	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	93335	16.890	ng/ul	0.00
73) Anthracene-d10	17.216	188	813780	19.584	ng/ul	0.00
81) Pyrene-d10	19.592	212	1102074	19.295	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	1405637	19.972	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	20688	7.562	ng/uL	96
5) Pyridine	3.652	79	134740	18.370	ng/ul	99
6) Benzaldehyde	6.852	77	109275	23.870	ng/ul	99
8) Phenol	6.910	94	156872	18.575	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.134	93	119521	18.491	ng/ul	93
12) 2-Chlorophenol	7.275	128	119598	19.704	ng/ul	99
13) 2-Methylphenol	8.140	108	121295	19.803	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	113425	18.916	ng/ul	95
16) Acetophenone	8.510	105	217190	20.362	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	115200	20.833	ng/ul	94
18) 4-Methylphenol	8.463	108	135208	20.243	ng/ul	100
19) Hexachloroethane	8.769	117	59588	20.796	ng/ul	98
22) Nitrobenzene	8.881	77	185722	20.472	ng/ul	98
23) Isophorone	9.410	82	311706	19.837	ng/ul	97
25) 2-Nitrophenol	9.587	139	74863	20.797	ng/ul	89
26) 2,4-Dimethylphenol	9.652	107	165280	20.268	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.875	93	174802	19.298	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	149427	20.586	ng/ul	98
30) Naphthalene	10.510	128	410880	19.697	ng/ul	99
32) 4-Chloroaniline	10.622	127	171874	19.907	ng/ul	100
33) Hexachlorobutadiene	10.793	225	136412	21.166	ng/ul	96
34) Caprolactam	11.393	113	41765m	18.967	ng/ul	
35) 4-Chloro-3-methylphenol	11.746	107	162564	20.701	ng/ul	98
36) 2-Methylnaphthalene	12.116	142	313001	20.191	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	316455	20.241	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.498	216	242920	19.890	ng/ul#	97
40) Hexachlorocyclopentadiene	12.475	237	148238	19.296	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	146805	20.107	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	161841	20.470	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	452734	19.219	ng/ul	98
44) 2-Chloronaphthalene	13.181	162	369581	19.486	ng/ul	98
45) 2-Nitroaniline	13.387	65	114186	20.821	ng/ul	99
47) Dimethylphthalate	13.769	163	496808	19.425	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	99066	20.205	ng/ul	94
50) Acenaphthylene	14.034	152	558368	19.860	ng/ul	99
51) 3-Nitroaniline	14.222	138	91275	20.447	ng/ul	99
52) Acenaphthene	14.375	153	401838	19.671	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	42260	12.667	ng/ul	95
55) 4-Nitrophenol	14.545	109	104484	21.203	ng/ul	89
56) Dibenzofuran	14.722	168	615329	20.260	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	158702	21.004	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.957	232	162707	21.379	ng/ul	98
59) Diethylphthalate	15.145	149	521572	20.606	ng/ul	99
61) Fluorene	15.381	166	519335	20.562	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	299425	20.591	ng/ul	99
63) 4-Nitroaniline	15.398	138	102427	22.545	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.457	198	102473	17.033	ng/ul	94
67) N-Nitrosodiphenylamine	15.598	169	451575	19.263	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	214202	20.040	ng/ul	98
69) Hexachlorobenzene	16.410	284	259934	20.028	ng/ul	99
70) Atrazine	16.575	200	207882	19.878	ng/ul	100
71) Pentachlorophenol	16.763	266	149453	17.259	ng/ul	99
72) Phenanthrene	17.157	178	903186	19.353	ng/ul	99
74) Anthracene	17.251	178	929190	19.565	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	249254	18.661	ng/uL	99
76) Pentachlorobenzene	14.639	250	281550	19.168	ng/uL	99
77) Carbazole	17.533	167	810863	19.372	ng/ul	99
78) Di-n-butylphthalate	18.128	149	984157	20.394	ng/ul	99
80) Fluoranthene	19.245	202	1255913	19.237	ng/ul	99
82) Pyrene	19.622	202	1363899	19.409	ng/ul#	95
83) Butylbenzylphthalate	20.580	149	493596	20.155	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	499336	19.781	ng/ul	97
85) Benzo(a)anthracene	21.533	228	1490181	19.613	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.469	149	749700	20.864	ng/ul	99
87) Chrysene	21.598	228	1396717	19.587	ng/ul	99
89) Di-n-octyl phthalate	22.721	149	1282938	19.408	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1612884	19.416	ng/ul	99
91) Benzo(k)fluoranthene	23.863	252	1600059	19.327	ng/ul	99
93) Benzo(a)pyrene	24.680	252	1504844	19.660	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.545	276	1913727m	19.176	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	1534297	19.084	ng/ul	97
96) Benzo(g,h,i)perylene	29.698	276	1457285	18.818	ng/ul	99

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

