

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022084.D
 Acq On : 27 Sep 2024 23:41
 Operator : RC/JU
 Sample : P3910-21MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC66MS

Quant Time: Sep 28 01:33:42 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 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	94558	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	322115	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	259830	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.104	188	664118	20.000	ng/u1	-0.01
79) Chrysene-d12	21.545	240	779793	20.000	ng/u1	0.00
88) Perylene-d12	24.816	264	908821	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	9577	3.967	ng/uL	0.00
4) Pyridine-d5	3.628	84	116042	16.817	ng/u1	0.00
7) Phenol-d5	6.887	99	201966	26.111	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	112817	23.687	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	154522	27.611	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	154701	25.240	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	69284	28.738	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	83176	30.427	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.087	165	181646	30.598	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	200576	28.317	ng/u1	-0.01
46) Dimethylphthalate-d6	13.722	166	615601	30.650	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	646963	30.424	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	84086	24.475	ng/u1	0.00
60) Fluorene-d10	15.316	176	543702	30.603	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	111743	27.101	ng/u1	0.00
73) Anthracene-d10	17.204	188	937697	30.245	ng/u1	-0.01
81) Pyrene-d10	19.581	212	1252571	31.005	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.598	264	1542785	32.275	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	29319	11.212	ng/uL	100
5) Pyridine	3.652	79	212844	30.360	ng/u1	96
6) Benzaldehyde	6.858	77	177087	40.472	ng/u1	92
8) Phenol	6.911	94	293372	36.344	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	211996	34.314	ng/u1	97
12) 2-Chlorophenol	7.275	128	221540	38.186	ng/u1	96
13) 2-Methylphenol	8.140	108	212382	36.278	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.211	45	183512	32.019	ng/u1	97
16) Acetophenone	8.511	105	348088	34.142	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	182569	34.542	ng/u1	97
18) 4-Methylphenol	8.463	108	218030	34.152	ng/u1	97
19) Hexachloroethane	8.769	117	89692	32.750	ng/u1	98
22) Nitrobenzene	8.875	77	274909	37.296	ng/u1	99
23) Isophorone	9.405	82	501477	39.277	ng/u1	99
25) 2-Nitrophenol	9.581	139	123346	42.171	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	220324	33.252	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.875	93	277637	37.724	ng/u1	98
29) 2,4-Dichlorophenol	10.110	162	243605	41.303	ng/u1	96
30) Naphthalene	10.505	128	652469	38.496	ng/u1	100
32) 4-Chloroaniline	10.616	127	254661	36.301	ng/u1	98
33) Hexachlorobutadiene	10.793	225	203826	38.924	ng/u1	96
34) Caprolactam	11.399	113	77625	43.387	ng/u1	92
35) 4-Chloro-3-methylphenol	11.740	107	262972	41.213	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	500864	39.765	ng/u1	98

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37) 1-Methylnaphthalene	12.340	142	509346	40.096	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	382103	39.665	ng/ul#	98
40) Hexachlorocyclopentadiene	12.469	237	219945	36.297	ng/ul	96
41) 2,4,6-Trichlorophenol	12.734	196	239134	41.524	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	265355	42.551	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	726802	39.116	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	600752	40.157	ng/ul	98
45) 2-Nitroaniline	13.375	65	178119	41.176	ng/ul	94
47) Dimethylphthalate	13.769	163	807534	40.029	ng/ul	98
48) 2,6-Dinitrotoluene	13.881	165	165103	42.691	ng/ul	99
50) Acenaphthylene	14.028	152	896092	40.408	ng/ul	99
51) 3-Nitroaniline	14.216	138	144693	41.094	ng/ul	95
52) Acenaphthene	14.375	153	641153	39.791	ng/ul	98
53) 2,4-Dinitrophenol	14.428	184	99295	37.734	ng/ul	92
55) 4-Nitrophenol	14.540	109	156300	40.213	ng/ul	91
56) Dibenzofuran	14.716	168	968061	40.411	ng/ul	98
57) 2,4-Dinitrotoluene	14.675	165	256329	43.009	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.945	232	262610	43.747	ng/ul	99
59) Diethylphthalate	15.151	149	818642	41.004	ng/ul	98
61) Fluorene	15.369	166	805884	40.452	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	466392	40.663	ng/ul	99
63) 4-Nitroaniline	15.387	138	163153	45.528	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	184790	41.166	ng/ul#	96
67) N-Nitrosodiphenylamine	15.587	169	686892	39.270	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	335018	42.007	ng/ul	98
69) Hexachlorobenzene	16.398	284	417054	43.067	ng/ul	94
70) Atrazine	16.569	200	303512	38.897	ng/ul	99
71) Pentachlorophenol	16.751	266	310815	48.106	ng/ul	99
72) Phenanthrene	17.151	178	1392775	39.998	ng/ul	100
74) Anthracene	17.245	178	1415402	39.944	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.099	216	378306	37.960	ng/uL	98
76) Pentachlorobenzene	14.628	250	423301	38.624	ng/uL	98
77) Carbazole	17.522	167	1252828	40.115	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1494859	41.517	ng/ul	99
80) Fluoranthene	19.233	202	1872458	40.551	ng/ul	98
82) Pyrene	19.610	202	2007906	40.398	ng/ul	98
83) Butylbenzylphthalate	20.569	149	749028	43.242	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	709098	39.716	ng/ul	98
85) Benzo(a)anthracene	21.527	228	2132320	39.679	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1069010	42.063	ng/ul	100
87) Chrysene	21.586	228	2002338	39.701	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1821907	40.581	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	2318626	41.098	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	2321880m	41.293	ng/ul	
93) Benzo(a)pyrene	24.663	252	2120041	40.782	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.539	276	2750311m	40.576	ng/ul	
95) Dibenzo(a,h)anthracene	28.615	278	2235497	40.941	ng/ul#	97
96) Benzo(g,h,i)perylene	29.686	276	2157428m	41.020	ng/ul	

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

