

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
 Data File : BP020360.D
 Acq On : 13 May 2024 19:19
 Operator : MA/JU
 Sample : P2371-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43Q5MS

Quant Time: May 13 22:51:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 10:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	74761	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	299125	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.287	164	202385	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	449947	20.000	ng/u1	0.01
79) Chrysene-d12	21.610	240	474542	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	537992	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	9727	5.495	ng/uL	0.00
4) Pyridine-d5	3.611	84	135132	26.272	ng/u1	-0.01
7) Phenol-d5	6.799	99	201793	31.430	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	117979	30.250	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	154826	33.733	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	156819	30.211	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	78611	35.095	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	91521	35.680	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	170912	36.513	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	215102	32.834	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	542183	36.685	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	588000	36.016	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	67274	29.617	ng/u1	0.00
60) Fluorene-d10	15.310	176	446993	36.261	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	96849	33.920	ng/u1	0.00
73) Anthracene-d10	17.228	188	722852	37.136	ng/u1	0.01
81) Pyrene-d10	19.627	212	906908	32.694	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	959613	36.890	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	29098	14.486	ng/uL	99
5) Pyridine	3.628	79	192627	37.026	ng/u1	97
6) Benzaldehyde	6.781	77	154968	48.020	ng/u1	97
8) Phenol	6.828	94	258332	38.983	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.058	93	192012	37.029	ng/u1	98
12) 2-Chlorophenol	7.181	128	199130	41.554	ng/u1	95
13) 2-Methylphenol	8.052	108	188666	38.168	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.128	45	229164	35.428	ng/u1	98
16) Acetophenone	8.434	105	325233	37.752	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	172586	36.916	ng/u1	94
18) 4-Methylphenol	8.387	108	207333	38.591	ng/u1	99
19) Hexachloroethane	8.652	117	84234	38.438	ng/u1	95
22) Nitrobenzene	8.810	77	258074	40.135	ng/u1	98
23) Isophorone	9.334	82	476891	38.569	ng/u1	99
25) 2-Nitrophenol	9.510	139	119342	44.917	ng/u1	91
26) 2,4-Dimethylphenol	9.569	107	198787	34.293	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.810	93	264350	38.565	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	208732	45.844	ng/u1	99
30) Naphthalene	10.428	128	628052	40.735	ng/u1	100
32) 4-Chloroaniline	10.569	127	244821	38.216	ng/u1	98
33) Hexachlorobutadiene	10.693	225	149407	42.248	ng/u1	98
34) Caprolactam	11.381	113	66501m	41.831	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	247477	43.655	ng/u1	100
36) 2-Methylnaphthalene	12.063	142	453972	42.318	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	455591	42.203	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	291730	46.219	ng/ul	100
40) Hexachlorocyclopentadiene	12.393	237	81132	23.635	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	185181	46.784	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	204371	47.982	ng/ul	95
43) 1,1'-Biphenyl	13.104	154	616347	43.058	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	486112	42.796	ng/ul	99
45) 2-Nitroaniline	13.381	65	165566	43.944	ng/ul	97
47) Dimethylphthalate	13.751	163	629852	42.191	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	134307	45.256	ng/ul	98
50) Acenaphthylene	14.004	152	772593	42.073	ng/ul	98
51) 3-Nitroaniline	14.234	138	127494	46.060	ng/ul	99
52) Acenaphthene	14.357	153	510198	41.344	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	72179	39.624	ng/ul	93
55) 4-Nitrophenol	14.569	109	88727	37.518	ng/ul	93
56) Dibenzofuran	14.704	168	745150	43.904	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	201707	47.274	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.939	232	184855	48.331	ng/ul	94
59) Diethylphthalate	15.157	149	638385	42.839	ng/ul	99
61) Fluorene	15.375	166	619432	43.925	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	332103	44.390	ng/ul	95
63) 4-Nitroaniline	15.428	138	120197	52.107	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.486	198	124109	41.685	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	526148	41.997	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	212115	43.522	ng/ul	95
69) Hexachlorobenzene	16.398	284	251540	44.561	ng/ul	96
70) Atrazine	16.598	200	209624	47.188	ng/ul	100
71) Pentachlorophenol	16.775	266	148351	43.480	ng/ul	98
72) Phenanthrene	17.169	178	1000219	43.570	ng/ul	99
74) Anthracene	17.263	178	975143	41.763	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	277899	41.557	ng/uL	98
76) Pentachlorobenzene	14.610	250	291863	43.614	ng/uL	98
77) Carbazole	17.563	167	903930	44.939	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1108035	45.446	ng/ul	99
80) Fluoranthene	19.280	202	1267145	38.816	ng/ul	99
82) Pyrene	19.657	202	1339984	39.450	ng/ul	99
83) Butylbenzylphthalate	20.627	149	526409	40.826	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	376865	39.022	ng/ul	99
85) Benzo(a)anthracene	21.592	228	1355666	42.119	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	768225	41.300	ng/ul	99
87) Chrysene	21.663	228	1296295	43.454	ng/ul	99
89) Di-n-octyl phthalate	22.821	149	1331712	38.652	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	1389516	43.418	ng/ul	98
91) Benzo(k)fluoranthene	23.974	252	1380723	42.335	ng/ul	100
93) Benzo(a)pyrene	24.798	252	1175956	38.618	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	1665928m	44.628	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	1337289	43.312	ng/ul	98
96) Benzo(g,h,i)perylene	29.950	276	1283428	42.629	ng/ul	98

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

