

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021263.D
 Acq On : 31 Jul 2024 16:11
 Operator : CG/JU
 Sample : P3264-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4DK9DL

Quant Time: Aug 01 05:37:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/04/2024
 Supervised By :mohammad ahmed 09/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	195309	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	780788	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	537207	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1178427	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	942276	20.000	ng/u1	# 0.02
88) Perylene-d12	24.863	264	1040119	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	2373	0.553	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.852	99	59248	3.721	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	35141	3.642	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	50049	3.815	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	40686	3.076	ng/u1	0.02
21) Nitrobenzene-d5	8.799	128	22920	3.779	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	25546	3.680	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.058	165	65523m	5.220	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	49737	2.991	ng/u1	0.02
46) Dimethylphthalate-d6	13.681	166	214628	5.496	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	226766	5.171	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	24009	4.321	ng/u1	0.00
60) Fluorene-d10	15.287	176	187093	5.840	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	19982m	2.802	ng/u1	0.02
73) Anthracene-d10	17.198	188	304453	5.817	ng/u1	0.00
81) Pyrene-d10	19.586	212	368568	6.327	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.633	264	311858	6.079	ng/u1	0.04
Target Compounds						
					Qvalue	
8) Phenol	6.875	94	201340	12.496	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	346952	26.066	ng/u1	97
12) 2-Chlorophenol	7.216	128	64008	4.868	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.428	70	147824	13.822	ng/u1	97
22) Nitrobenzene	8.840	77	81374	5.601	ng/u1	99
25) 2-Nitrophenol	9.534	139	115492	15.954	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	420948	23.979	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	273352	22.099	ng/u1	98
30) Naphthalene	10.440	128	1258159	30.634	ng/u1	99
35) 4-Chloro-3-methylphenol	11.728	107	374927	27.885	ng/u1	99
41) 2,4,6-Trichlorophenol	12.699	196	257450	23.354	ng/u1	99
42) 2,4,5-Trichlorophenol	12.793	196	278516	23.879	ng/u1	98
48) 2,6-Dinitrotoluene	13.869	165	177595	22.418	ng/u1	95
50) Acenaphthylene	13.987	152	1405876	28.317	ng/u1	99
52) Acenaphthene	14.334	153	740290	22.465	ng/u1	100
55) 4-Nitrophenol	14.598	109	141617m	31.333	ng/u1	
56) Dibenzofuran	14.681	168	824411	18.269	ng/u1	100
59) Diethylphthalate	15.110	149	1256119	31.720	ng/u1	99
61) Fluorene	15.345	166	628522	17.068	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.334	204	666790	33.370	ng/u1	97
71) Pentachlorophenol	16.740	266	247769	28.805	ng/u1	98
74) Anthracene	17.228	178	1950790	31.302	ng/u1	99
78) Di-n-butylphthalate	18.092	149	962431	13.693	ng/u1	99
80) Fluoranthene	19.239	202	1910824	27.161	ng/u1	97

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

82) Pyrene	19.616	202	2371312	33.124	ng/ul	100
83) Butylbenzylphthalate	20.557	149	1136638	38.107	ng/ul	97
85) Benzo(a)anthracene	21.528	228	1143632	17.326	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	1342811	31.283	ng/ul	100
87) Chrysene	21.598	228	2184486	35.616	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	989411	15.707	ng/ul	100
93) Benzo(a)pyrene	24.704	252	451532	7.570	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.639	276	1741866	22.663	ng/ul	98
95) Dibenzo(a,h)anthracene	28.686	278	405601m	6.373	ng/ul	
96) Benzo(g,h,i)perylene	29.798	276	1626671	25.987	ng/ul	98

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

