

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047162.D
 Acq On : 12 Aug 2024 19:31
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-5NG
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 12 23:43:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	270950	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1146948	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	768561	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1697047	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1612249	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1825646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1421844	93.767	ng	0.00
7) Phenol-d6	6.581	99	1931236	92.429	ng	0.00
23) Nitrobenzene-d5	8.516	82	1768245	77.629	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	885445	99.359	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3870739	77.687	ng	0.00
79) Terphenyl-d14	19.456	244	6557589	87.154	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	33457	5.325	ng	99
3) Pyridine	3.422	79	82855	4.497	ng	98
4) n-Nitrosodimethylamine	3.334	42	41110	5.107	ng	# 85
6) Aniline	6.722	93	124189	6.288	ng	98
8) 2-Chlorophenol	6.945	128	83371	5.041	ng	98
9) Benzaldehyde	6.534	77	81744m	5.113	ng	
10) Phenol	6.604	94	105146	5.043	ng	96
11) bis(2-Chloroethyl)ether	6.822	93	93824	5.255	ng	96
12) 1,3-Dichlorobenzene	7.263	146	98352	5.004	ng	99
13) 1,4-Dichlorobenzene	7.404	146	101446	5.098	ng	98
14) 1,2-Dichlorobenzene	7.716	146	98011	5.220	ng	97
15) Benzyl Alcohol	7.622	79	78567	5.283	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.910	45	125713	5.487	ng	98
17) 2-Methylphenol	7.828	107	68158	4.900	ng	98
18) Hexachloroethane	8.422	117	36735	4.766	ng	97
19) n-Nitroso-di-n-propyla...	8.181	70	76503	5.436	ng	93
20) 3+4-Methylphenols	8.157	107	95840	4.929	ng	98
22) Acetophenone	8.192	105	147452	5.326	ng	# 97
24) Nitrobenzene	8.557	77	118479	5.166	ng	98
25) Isophorone	9.086	82	201917	5.091	ng	98
26) 2-Nitrophenol	9.263	139	42290	4.163	ng	97
27) 2,4-Dimethylphenol	9.339	122	50314	4.229	ng	100
28) bis(2-Chloroethoxy)met...	9.569	93	127223	5.098	ng	97
29) 2,4-Dichlorophenol	9.792	162	82126	4.652	ng	98
30) 1,2,4-Trichlorobenzene	9.998	180	95224	4.766	ng	96
31) Naphthalene	10.175	128	288326	5.046	ng	98
32) Benzoic acid	9.434	122	38498	2.785	ng	99
33) 4-Chloroaniline	10.304	127	114519	5.212	ng	98
34) Hexachlorobutadiene	10.463	225	51917	4.440	ng	97
35) Caprolactam	11.086	113	28361	4.626	ng	97
36) 4-Chloro-3-methylphenol	11.445	107	87400	4.648	ng	99
37) 2-Methylnaphthalene	11.804	142	202735	4.983	ng	99
38) 1-Methylnaphthalene	12.027	142	202055	5.026	ng	97
40) 1,2,4,5-Tetrachloroben...	12.186	216	105047	5.011	ng	99
41) Hexachlorocyclopentadiene	12.163	237	17189	2.348	ng	97
43) 2,4,6-Trichlorophenol	12.445	196	65998	4.429	ng	94

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44) 2,4,5-Trichlorophenol	12.516	196	73801	4.461	ng	98
46) 1,1'-Biphenyl	12.851	154	281392	5.143	ng	98
47) 2-Chloronaphthalene	12.886	162	221640	5.183	ng	97
48) 2-Nitroaniline	13.110	65	60067	4.483	ng	93
49) Acenaphthylene	13.745	152	354124	5.618	ng	98
50) Dimethylphthalate	13.504	163	282107	5.256	ng	99
51) 2,6-Dinitrotoluene	13.621	165	57405	4.575	ng	98
52) Acenaphthene	14.092	154	208903	5.224	ng	97
53) 3-Nitroaniline	13.957	138	55212	4.391	ng	# 98
54) 2,4-Dinitrophenol	14.174	184	22334	2.970	ng	93
55) Dibenzofuran	14.433	168	353451	5.596	ng	99
56) 4-Nitrophenol	14.292	139	45460	4.193	ng	97
57) 2,4-Dinitrotoluene	14.421	165	73544	4.391	ng	91
58) Fluorene	15.086	166	277257	5.320	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.674	232	64817	4.767	ng	97
60) Diethylphthalate	14.886	149	278838	5.087	ng	98
61) 4-Chlorophenyl-phenyle...	15.098	204	131611	5.305	ng	99
62) 4-Nitroaniline	15.127	138	54919m	4.434	ng	
63) Azobenzene	15.392	77	273460	5.262	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	33524	3.374	ng	90
66) n-Nitrosodiphenylamine	15.316	169	238880	5.168	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	75133	4.594	ng	96
68) Hexachlorobenzene	16.092	284	95924	4.898	ng	96
69) Atrazine	16.286	200	81724	5.875	ng	98
70) Pentachlorophenol	16.451	266	48512	3.534	ng	97
71) Phenanthrene	16.833	178	457769	5.375	ng	100
72) Anthracene	16.921	178	408093	4.925	ng	99
73) Carbazole	17.204	167	422957	4.999	ng	100
74) Di-n-butylphthalate	17.792	149	470147	4.775	ng	99
75) Fluoranthene	18.862	202	506636	4.891	ng	98
77) Benzidine	19.074	184	114356	4.183	ng	99
78) Pyrene	19.227	202	540763	4.697	ng	99
80) Butylbenzylphthalate	20.174	149	204849	4.360	ng	100
81) Benzo(a)anthracene	21.009	228	529363	4.946	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	174783	5.219	ng	99
83) Chrysene	21.062	228	501156	4.935	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	307705	4.618	ng	99
85) Di-n-octyl phthalate	22.003	149	479734	4.236	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.697	276	579817	4.913	ng	99
88) Benzo(b)fluoranthene	22.874	252	548963	5.063	ng	98
89) Benzo(k)fluoranthene	22.927	252	505246	4.934	ng	99
90) Benzo(a)pyrene	23.591	252	445339	4.742	ng	98
91) Dibenzo(a,h)anthracene	26.750	278	480134	5.028	ng	97
92) Benzo(g,h,i)perylene	27.626	276	478310	4.824	ng	99

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

